

Brycen Wong

Senior Full-Stack Developer | AI Engineer | Web & Mobile Applications | Cloud & DevOps

📍 San Jose, CA, United States

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SUMMARY

Senior Full-Stack Developer and AI Engineer with 10+ years of experience designing, developing, deploying, and maintaining scalable web applications, mobile platforms, SaaS products, AI-powered systems, and business automation solutions. Experienced across the full software development lifecycle, from product planning and UI/UX implementation to frontend development, backend architecture, API integrations, cloud deployment, DevOps, and ongoing optimization.

Strong background building modern applications using React, Next.js, TypeScript, Node.js, Python, REST APIs, cloud platforms, secure databases, and automation technologies. Experienced in developing AI-powered applications, intelligent agents, workflow automation, business integrations, and data-driven solutions.

Skilled at translating business requirements into practical technical solutions, improving application performance and reliability, integrating third-party systems, and supporting production environments. Comfortable working independently or with cross-functional teams to deliver secure, maintainable, and scalable technology solutions.

PROFESSIONAL EXPERIENCE

05/2022 – Present
San Jose, CA

VisualFizz, *Full-Stack Developer & DevOps*

- Design, develop, maintain, and enhance scalable web applications and business platforms supporting operational and customer-facing workflows.
- Build full-stack applications using modern frontend frameworks, backend services, REST APIs, databases, and cloud infrastructure.
- Develop responsive and interactive user interfaces using React, Next.js, TypeScript, JavaScript, HTML, and CSS.
- Design and implement backend services, APIs, integrations, and business logic using Node.js, Python, and modern API architectures.
- Integrate third-party platforms and business systems to streamline data exchange and automate operational processes.
- Develop AI-powered features, intelligent workflows, and automation solutions that improve productivity and reduce repetitive business processes.
- Deploy and maintain applications in cloud environments while supporting CI/CD, containerization, monitoring, and production reliability.
- Troubleshoot application, integration, infrastructure, and production issues and implement practical solutions to improve system stability.
- Optimize application performance through frontend improvements, backend optimization, database tuning, and efficient API design.
- Work with stakeholders to understand business requirements and translate them into scalable technical solutions.
- Maintain existing applications, implement new features, resolve defects, and continuously improve system architecture and maintainability.

- Participate across the software development lifecycle, including architecture, development, testing, deployment, monitoring, and ongoing support.

09/2018 – 03/2022
San Jose, CA

Bytes Technolab, AI Full-Stack Developer

- Developed full-stack web applications and business platforms for clients across different industries and business use cases.
- Built modern frontend applications using React, JavaScript, TypeScript, HTML, CSS, and responsive web development practices.
- Developed backend services, REST APIs, integrations, and database-driven applications using Node.js and Python.
- Designed scalable application architectures that connected frontend interfaces, backend services, databases, external APIs, and business systems.
- Built automation workflows and integrations to reduce manual processes and improve operational efficiency.
- Developed AI-powered application features and intelligent solutions for business workflows and data-driven use cases.
- Integrated third-party APIs and SaaS platforms to connect business applications and automate data movement.
- Designed and implemented database structures and optimized queries to support reliable application performance.
- Worked closely with clients, product teams, designers, and developers to translate requirements into production-ready applications.
- Investigated application issues, identified root causes, and implemented fixes to improve reliability and user experience.
- Participated in code reviews, testing, deployment, production support, and continuous application improvements.

06/2016 – 08/2018
San Jose, CA

Second Crew, Web/App Designer & Developer

- Designed and developed responsive websites and web applications based on client requirements and business objectives.
- Created user interfaces and interactive web experiences using JavaScript, HTML5, CSS3, and modern frontend development techniques.
- Developed application features and integrated frontend interfaces with backend services and APIs.
- Built mobile-friendly experiences optimized for different screen sizes, browsers, and devices.
- Collaborated with designers, developers, and clients to refine requirements and deliver effective digital solutions.
- Integrated external services and APIs to extend application functionality and support business workflows.
- Diagnosed and resolved frontend and backend issues to improve application stability and usability.
- Maintained existing websites and applications while implementing new features, enhancements, and performance improvements.
- Participated in testing, debugging, deployment, and ongoing application maintenance.

07/2015 – 05/2016
San Jose, CA

Second Crew, Web Development Intern

- Assisted with the development and maintenance of websites and web applications.
- Implemented frontend components using HTML, CSS, and JavaScript.
- Supported responsive design and cross-browser compatibility improvements.
- Assisted developers with debugging, testing, and application maintenance.
- Worked with team members to implement website updates and client-requested features.

- Gained hands-on experience with web development workflows, version control, testing, and production deployment.

TECHNICAL SKILLS

Full-Stack Development

React · Next.js · TypeScript ·
JavaScript · Node.js · Python · HTML5
· CSS3 · Responsive Web
Development

Web & Mobile Applications

SaaS Platforms · Web Applications ·
Mobile Applications · Responsive
Design · UI/UX Implementation · CMS
· Headless CMS

Microsoft & Business Platforms

Microsoft 365 · Power Platform ·
Power Automate · Business Process
Automation · Business Productivity
Solutions

Backend & API Development

REST APIs · API Architecture · API
Integrations · Node.js · Python ·
Backend Services · Microservices ·
Third-Party Integrations

Cloud & DevOps

AWS · Azure · Cloud Infrastructure ·
Docker · CI/CD · Git · GitHub ·
Application Deployment · Production
Support · System Reliability

AI & Automation

AI Applications · AI Agents ·
Generative AI · Intelligent Automation
· Workflow Automation · Business
Process Automation · AI Integrations

Databases & Data

PostgreSQL · MySQL · MongoDB · SQL
· Database Architecture · Data
Integration · Data Processing ·
Analytics · Power BI

CERTIFICATES

Azure Developer Associate (AZ-204)

Microsoft

AWS Certified Solutions Architect – Associate (SAA-C03)

Amazon Web Services

Project Management Professional (PMP)

Project Management Institute

Azure Solutions Architect Expert (AZ-305)

Microsoft

AWS Certified DevOps Engineer – Professional (DOP-C02)

Amazon Web Services

Azure AI Engineer Associate (AI-102)

Microsoft

AWS Certified Developer – Associate (DVA-C02)

Amazon Web Services

EDUCATION

2021 – 2025
San Jose, CA

Master of Computer Science, San Jose Institute of Technology

2012 – 2016
Santa Clara, CA

Bachelor's Degree in Computer Science, Santa Clara University

PROFESSIONAL STRENGTHS

Full-Stack Engineering

Experienced in building complete applications across frontend interfaces, backend services, APIs, databases, integrations, and cloud infrastructure.

API Architecture & Integrations

Strong experience designing APIs and connecting applications with third-party platforms, SaaS products, and business systems.

Business-Focused Engineering

Focused on understanding business requirements and delivering practical, scalable, secure, and maintainable technical solutions.

Collaboration

Effective communicator experienced working with developers, designers, clients, business stakeholders, and cross-functional teams throughout the software development lifecycle.

AI & Intelligent Automation

Experienced in applying AI, automation, APIs, and workflow technologies to build intelligent business solutions and reduce manual processes.

Cloud & DevOps

Comfortable deploying and maintaining applications in cloud environments while supporting CI/CD, reliability, troubleshooting, and ongoing optimization.

Problem Solving

Experienced in troubleshooting complex technical issues, identifying root causes, improving performance, and maintaining production applications.