

Sebastian Preston

SOFTWARE ENGINEER

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Summary

Software Engineer with 6 years of experience building mission-critical apps in high-performing teams, including Checkout.com and Primer.

Experience

Desana

Remote

SOFTWARE ENGINEER

Jun 2024 - Jun 2025

- Developed new features and third-party integrations in a microservice architecture implemented in Node.js
- Implemented a customer-facing dashboard in Next.js, utilising emerging front-end patterns including RSCs, Server Actions, and view transitions
- Participated in on-call rotation, reactively investigating and responding to customer-facing issues
- **Key technologies used:** TypeScript, Next.js, Astro, Node.js, GraphQL, gRPC, Microservices

Jewellery Quarter Bullion

Remote

SENIOR FRONTEND ENGINEER

Nov 2023 - Apr 2024

- Assumed ownership of front-end initiatives for the UK's largest online bullion dealer
- Led internal strategy development to enhance processes and productivity
- Developed integrations with third-party services and payment providers including Apple Pay from planning to production
- Implemented inclusive design and accessibility features following WCAG guidelines
- Completed features in the back end, implemented in Python and Django
- **Key technologies used:** JavaScript, jQuery, Python, Django

Primer

Remote

FRONTEND ENGINEER

Jun 2022 - Oct 2022

- Delivered a superior checkout experience to users worldwide
- Contributed to the Primer Web SDK, achieving 6,000+ weekly npm downloads
- Achieved PCI DSS Level 1 compliance by implementing hosted inputs, information security policies, and other measures
- Maintained a public changelog, enhancing user engagement and trust
- Thrived in a fully remote and distributed team, overcoming common challenges
- **Key technologies used:** TypeScript, React, Lerna, Monorepos, Styled Components, Webpack, Python, FastAPI

Checkout.com

London

SOFTWARE ENGINEER

Nov 2020 - May 2022

- Directed front-end projects for ProcessOut, a market-leading payments orchestration platform
- Maintained public web and mobile libraries; versioned and published new releases
- Defined, tracked and met quarterly OKRs
- Conducted technical interviews; issued and assessed live coding challenges
- Held feedback sessions with users to enable data-driven decisions
- Hosted internal workshops for onboarding engineers
- Mentored graduate engineers, focussed on optimising their personal development
- Made contributions to the ProcessOut REST API implemented in Go
- **Key technologies used:** JavaScript, React, Flow, AWS, LESS, Webpack, Swift, Go

DabApps

Brighton

SOFTWARE ENGINEER

May 2018 - Nov 2020

- Designed and implemented RESTful APIs from scratch with Python and Django; created responsive UIs with TypeScript and React
- Managed Heroku staging and production environments as part of the DevOps team
- Implemented and enforced unit testing and code coverage practices to bolster quality and maintainability
- Utilised scrum and agile methodologies for continuous performance improvement
- Conducted regular stand-up and retrospective meetings to ensure team alignment
- **Key technologies used:** TypeScript, Python, React, Django, Heroku, design systems, Webpack, Git

Certifications

BCS Certificate in Systems Development Essentials

LONDON

BCS Diploma in Software Languages

LONDON