

Sebastian Preston

SENIOR SOFTWARE ENGINEER

✉ seb@sebastianpreston.com | 🏠 sebastianpreston.com | 📱 sebprest | 🌐 sebprest

Summary

Senior Software Engineer with 5 years of experience building mission-critical apps in high-performing teams including Checkout.com and Primer

Experience

Jewellery Quarter Bullion

SENIOR FRONTEND ENGINEER

Remote

Nov 2023 - Present

- 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 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

FRONTEND ENGINEER

Remote

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

SOFTWARE ENGINEER

London

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

SOFTWARE ENGINEER

Brighton

May 2018 - Nov 2020

- Designed and implemented efficient RESTful APIs from scratch with Python and Django; created responsive UI with TypeScript and React
- Managed Heroku staging and production environments as part of the operations team
- Enforced strict unit testing and code coverage practices to bolster quality and maintainability
- Implemented scrum and agile methodologies for continuous performance improvement
- Conducted regular standup 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

Recognized certification focusing on essential concepts, processes, and techniques in systems development; provided an understanding of systems lifecycle models, methodologies, and tools

BCS Diploma in Software Languages

LONDON

Accredited certification that demonstrates proficiency in software design approaches and patterns; focused on understanding, utilizing, and applying programming techniques in software development