Mabs Rahman

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SUMMARY

Software Engineer with 2+ years' experience in building high-performance, accessible, and reusable UI systems for large-scale digital product. Specialised in React, TypeScript, and design systems, with a passion for collaboration and continuous improvement.

EXPERIENCE

Software Engineer, Sky   Sept 2023 – Current

- Worked in Scrum teams following Agile methodologies, utilising Jira and GitHub, building meaningful relationships while delivering high-impact features.
- Maintained Sky's internal design system, delivering reusable UI components across multiple products and ensuring compliance with the European Accessibility Act (EAA).
- Collaborated with design teams to review Figma designs, validate requirements for feasibility, refine the user journey, and ensure design and development remained aligned, across multiple releases and cycles.
- Designed and delivered a Next.js metrics dashboard to visualise internal UI package adoption, enabling data-driven roadmap decisions. Implemented asynchronous server-side PostgreSQL data fetching for reliable reporting.
- Implemented unit and end-to-end tests using Jest, Playwright, and Cypress to improve regression coverage and support application stability in production.
- Optimised the UI library package by migrating its build process from Rollup to Vite, reducing bundled size by 39.6% and module count by 10.8%, significantly improving tree-shaking efficiency for downstream consumer apps.
- Set up and maintained automated CI/CD pipelines (Concourse) to build, test, version, and publish internal UI libraries to NPM, enabling repeatable releases and faster adoption across consuming applications.

Software Engineer, NOW TV   July 2023 – Sept 2023

- Delivered major performance improvements to the NOW TV web app, boosting Lighthouse scores by +20% (desktop) and +5.5% (mobile), cutting bundle size by 20%, shrinking images by 12%, and reducing Largest Contentful Paint from 4.1 s to 3.3 s.

EDUCATION

BEng Mechanical Engineering, Queen Mary University of London   Sept 2018 – July 2021

- First Class with Honours
- Modules include Computer-Aided Engineering and Mathematics and Computing for Engineers

SKILLS

- **Programming & Frameworks**: React, TypeScript, JavaScript, Next.js, HTML, CSS, Python, C/C++
- **Testing & Quality Assurance:** Jest, Playwright, Cypress, Storybook, Accessibility testing
- **Development Methodologies & Tools**: Agile, CI/CD, Docker, Concourse, Octopus, Jira, GitHub
- **Collaboration & Leadership**: Cross-functional collaboration with designers, verbal & written communication, teamwork, leadership