

GURPREET SINGH

Bradford, West Yorkshire | 07891877735 | gurpreet.singh19.gs@gmail.com

GitHub: github.com/gsinghg19

Personal Statement

With an MPharm background and several years in the field of pharmacy, I transitioned into software engineering to pursue a more creative and technically challenging career. Over the past four years, I've worked on both frontend and backend projects, building applications and improving system performance. At Sky, I specialise in React Native and React with TypeScript, as well as GraphQL, Storybooks, and monitoring tools like Grafana and Dynatrace. I am passionate about developing scalable, user-friendly solutions and thrive in collaborative, fast-paced environments. In my personal development time, I have expanded my expertise of AI by exploring Model Context Protocols (MCP) and experimenting with creating AI-driven workflows, further strengthening my ability to innovate with emerging technologies.

Technical Skills

- **Languages & Frameworks:** JavaScript, TypeScript, React, React Native, Node.js, GraphQL, Next.js and Remix.
 - **Cloud & Databases:** AWS, Google Firebase, PostgreSQL and NoSQL.
 - **Monitoring & Testing:** Grafana, Dynatrace, Jest, Optimizely and Puppeteer.
 - **CMS & Tools:** ContentStack, Airship, Storybook and Adobe Assurance, Elastic search.
 - **Certification:** Certified SAFe® 6 Practitioner.
-

Experience

Sky, Leeds – Software Engineer

July 2023 – Present

- Designed and delivered new app features following atomic design principles, including a Product Description Page, video hero components, Lottie animations for loading states and filtering functionality for tiles and product cards.
- Enhanced the Product Description Pages by implementing a cross-sell feature that leveraged backend service data to identify customers' existing products and recommend complementary offerings. This resulted in a quantifiable increase in customers upgrading their products.
- Developed a product downgrade flow feature that improved customer retention by reducing churn.
- Contributed to the development of 'Customer Guidance Tiles,' a feature that integrated backend data with third-party tools such as Adobe Target to provide tailored information for newly onboarded customers, reducing call centre demand and driving engagement within the app.
- Conducted feasibility spikes for new initiatives, including image metric monitoring and module federation between app and web projects. As part of this, I identified limitations in our current image rendering and developed a reusable image component with caching and support for both WebP and bitmap formats, improving load times and visual consistency across the app.
- Collaborated across multiple teams on Sky's products and services, with a primary focus on the mobile app and website.
- Developed and optimised GraphQL queries to enhance performance and reliability.
- Integrated Firebase services to control component activation through remote configuration.
- Improved existing components to meet European Accessibility Act (EAA) compliance standards.
- I was selected to partner with design teams in a number of workshops to refine and propose enhancements for upcoming features
- Debugged frontend component issues affecting user product portfolios, ensuring accuracy and usability.
- Released and deployed production builds of the My Sky app to the Google Play Store and Apple App Store.
- Deployed production code for sky.com using Octopus Deploy and Cloud Foundry.
- Built Grafana dashboards to monitor feature adoption and usage metrics.
- Monitored and optimised performance across apps and services using Dynatrace and Grafana.

MirrorWeb Ltd, Manchester – Software Engineer (Customer Success Team)

April 2022 – May 2023

- Created front-end interfaces for public sector clients.
- Migrated legacy interfaces (Next.js/Tailwind → Remix.js/Chakra UI).
- Built reusable GitHub template for frontend fixes.
- Represented manager in client/QA meetings.
- Investigated and fixed archive replay/capture issues daily.
- Developed and debugged 300+ content/crawl scripts.
- Configured crawler setups (cookies, crawl scope, etc.).

- Collaborated with CSMs to resolve client issues.

Northcoders, Leeds – Software Developer Student

Oct 2021 - Feb 2022

A 13-week bootcamp focused on JavaScript, backend & frontend development. Built portfolio projects, including:

- Northcoders News: A social news aggregation website, designed from the frontend and backend, in JavaScript, hosted with Heroku cloud hosting services.
- The backend API endpoints were designed with MVC architecture practice and tested with Jest and SuperTest. This is hosted with Heroku. While the front end was designed with a tech stack including React.js, react-router and Axios to make HTTP requests from the API.
- My Group project was a meet-up app implementing a geo-midpoint algorithm to obtain a midpoint between a group of friends. The frontend involved the use of react-native and Expo, whilst the backend involved the use of Google Firebase (Firebase NoSQL database features, Firebase hosting and Firebase authentication).

Midway Pharmacy, Leeds – Pre-registration Pharmacist

Jan 2019 - Jan 2020

- Performed prescription and clinical checks using root-cause analysis.
- Delivered NHS services and collaborated with healthcare teams across different health fields to produce and communicate pharmaceutical care plans for patients.

Dalesway Pharmacy, Bradford – Pre-registration Pharmacist

Aug 2017 - Nov 2018

- Advised colleagues using NICE CKS guidance.
- Conducted pharmacy risk assessments and improvements.

Education

University of Bradford – Master's in Pharmacy (MPharm, 2:1)

2014 - 2019

University of Bradford – BSc. Pharmaceutical Management (2:1)

2011 - 2014