Jaswinder Bhogal

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Portfolio · GitHub · LinkedIn · Salford

Junior Software Developer

Technically proficient and innovative professional with expertise in JavaScript, Node.js, React, and database management technologies. Trained in both front-end and back-end development, highly skilled in creating scalable web APIs and dynamic, innovative user interfaces. Excellence in employing test-driven development practices to enhance software reliability and performance. Possess a strong foundation in technical communication and paired programming, underpinned by a comprehensive understanding of the agile and scrum methodologies. Expert at merging technical acumen with a systematic approach to deliver high-quality software solutions that enhance user experience and operational efficiency.

Areas of Expertise

- Software Development
- RESTful API Design
- Database Optimisation
- Secure Coding Practices
- Cloud Services Deployment
- Software Development Life Cycle
- React Development
- Cross-Team Collaboration
- Source Code Management

Technical Proficiencies

Programming Languages:	JavaScript (Node.js, browser environments)
Testing:	Test Driven Development (TDD) with Jest and Supertest
Front-End Development:	HTML, CSS, React, React Native, Accessibility tools including Lighthouse
Back-End Development:	SQL, PostgreSQL (PSQL), NoSQL, Database Seeding & Migrations
Hosting:	Cloudflare, Netlify
Additional Skills:	Paired programming, Technical communication, Secure Software Development Lifecycle (SDL), Agile and SCRUM methodologies

Professional Experience

Northcoders – Remote   **January 2024 – April 2024**
Trainee Software Developer

Engaged in rigorous software development training, mastering coding principles and technologies from foundational to advanced levels within an intensive bootcamp structure. Developed a comprehensive understanding of the software development lifecycle, applying theoretical knowledge to practical coding challenges. Created and refined web APIs using Express and Node.js, focusing on backend development to support scalable applications. Designed and implemented dynamic front-end interfaces utilising React and JavaScript, based on APIs developed during backend training. Created a full-stack mobile application using React Native and Firebase, integrating front-end and back-end technologies for a cohesive user experience.

Key Contributions:

- Succeeded in completing three major projects, focusing on different aspects of software development, such as backend, front-end, and full-stack applications whilst serving as a trainee software developer.

- Built robust web API using Express and Node.js, demonstrating proficiency in server-side programming and API development.

- Created a comprehensive full-stack application using React Native and Firebase, showcasing the ability to manage both client and server-side development for mobile platforms.

- Acquired and applied in-depth knowledge of the software development process, from initial design through deployment, enhancing project execution and delivery.

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Key Projects

NC News Back-End:

- Engineered a RESTful API, modelled on prominent back-end services similar to Reddit, utilising JavaScript and Node.js.

- Developed a robust infrastructure capable of executing comprehensive CRUD (Create, Read, Update, Delete) operations.

- Leveraged PostgreSQL for database management to ensure efficient data handling and storage.

- Enhanced system reliability and performance through comprehensive testing with Jest and Supertest.

NC News Front-End:

- Developed a dynamic web application for delivering news articles, employing React.js for responsive user interfaces.

- Designed the application using Tailwind CSS, focusing on aesthetic appearance and adaptive design.

- Integrated Axios for efficient API interactions, connecting seamlessly with custom-built back-end to fetch data in real-time.

iTinerary App:

- Innovated a travel planning application using React Native, providing personalised activity and dining recommendations.

- Incorporated a smart travel bot, which tailors suggestions based on user preferences, enhancing user engagement.

- Implemented Firebase and Firestore for real-time data storage and retrieval, ensuring a smooth planning experience.

- Utilised Expo to manage app's lifecycle and streamline updates, delivering consistent user experiences across various devices.

Additional Experience

Locum Pharmacist, Jazz Pharm Ltd (Mar 2022 – Present)

Enhanced patient outcomes by providing expert counselling on medication management, thereby establishing trust and improving adherence. Spearheaded pharmaceutical care by monitoring drug interactions and contraindications, enhancing patient safety.

Pharmacy Manager, Cohens Chemist (Apr 2021 – Mar 2022)

Managed flu vaccination clinics in collaboration with local healthcare entities, boosting community health services. Directed a team of four, catalysing a 20% surge in performance metrics such as NMS and hypertension case findings through strategic leadership.

Relief Pharmacist, Cohens Chemist (Jul 2019 – Mar 2021)

Excelled in patient care management, optimising health outcomes with proactive problem-solving and dedicated patient counselling. Demonstrated versatility across various pharmacy settings, maintaining service excellence and continuity of care during critical staffing changes and high-demand periods.

Education & Credentials

MPharm, Masters of Pharmacy, (Grade: 2:1)
University of Keele, September 2015 – June 2019

A-Level Studies, Subjects: Psychology (A), Chemistry (B), Biology (B)
Handsworth Grammar School, September 2013 – June 2015