

Urvashi B.

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SUMMARY

Recent **MSc graduate in Software Engineering** from the **University of Hertfordshire**, with **1.5+ years of experience in full-stack development**. Actively seeking a **Junior Software Engineer role, fully authorised to work in the UK**

EDUCATION

MSc in Software Engineering, 1st | University of Hertfordshire | UK | 2023 – 2024

- **Modules:** Measures and Models (1st), Software Engineering Practice(Agile Methodologies) (1st), Programming (1st)
- **Dissertation:** Enhancing Customer Experience at Shopzilla with AI-Driven Support & Video Calls (Distinction)

BE in Information Technology, 1st | Marwadi University, India | 2018 – 2022

- **Modules:** Data Structures and Algorithms (1st), Object-Oriented Programming (1st), Database Management System (1st)

WORK EXPERIENCE

Retail Associate | TK Maxx | Oct 2023 – Present | Edgware, UK

- **Improve problem-solving and communication** by handling customer queries and resolving pricing issues
- **Adapt to a fast-paced environment** while managing multiple tasks and collaborating with the team

Junior Software Engineer | Binstellar Technology Pvt. Ltd. | April 2022 - June 2023 | Ahmedabad, India

- **Optimised** backend **microservices** with **Node.js, Express.js and Typescript**, reducing API response time by **30%**
- **Improved** ORM for database abstraction to streamline query logic
- **Automated** data synchronisation to **AWS S3**, enhancing system reliability and efficiency
- **Worked in Agile sprints** to develop scalable systems, improving project efficiency and deployment speed

Software Engineer Intern | Binstellar Technology Pvt. Ltd. | January 2022 - March 2022 | Ahmedabad, India

- **Developed** a web-based **ERP system** using **Laravel**, cutting manual workload by **30%**
- **Improved** front-end efficiency by **optimising** UI components in **React** for better responsiveness
- **Designed and optimised** front-end interfaces using **HTML, CSS, and JavaScript**, reducing system bugs by **20%** and improving user experience

PROJECTS

Swimming Lesson Booking APP (JAVA, OOP, Data Structure)

- **Developed** a dynamic **booking system** that manages lessons without external storage
- **Implemented** core **Java concepts, including collections, inheritance, and exception handling**
- **Designed** an in-memory data model for real-time user bookings

E-Commerce Web App (React(Typescript), Node.js, MongoDB)

- **Built** a **full-stack** e-commerce platform with an **AI-driven** customer support feature
- **Implemented Integration** tests for authentication, product catalogue management, and secure payment processing
- **Optimized** API performance with efficient **GraphQL** queries and **MongoDB**

SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, PHP, SQL, CSS, HTML
- **Frameworks & Libraries:** Node.js, React.js, Express.js, Laravel, Next.js
- **Software Engineering:** Object-Oriented Design, Data Structures, Algorithm Design, Scalability
- **Back-End & APIs:** Microservices, RESTful API, MySQL, MongoDB, GraphQL, ORM
- **DevOps & Cloud:** AWS (S3), Terraform(Conceptual Understanding), Kubernetes, CI/CD (Azure DevOps, GitHub)
- **Testing & Tools:** Unit and Integration Testing, Git, Version Control, Configuration Management, Postman
- **Agile & Project Management:** Scrum, Jira, Sprint Planning, Slack, Kanban
- **Soft Skills:** Communication, Problem-Solving, Adaptability, Time Management, Teamwork