Rohan Bhujbal

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EDUCATION

University of Birmingham,   **Birmingham, UK**
M.Sc. Advanced Computer Science,   *Expected Graduation: September 2024*
- o **Related Coursework:** Advanced Networking, Algorithms and Complexity, Computer Vision and Imaging, Designing and Managing Secure Systems, Human-Computer Interaction, Mobile and Ubiquitous Computing

K.R.T. Arts, B.H. Commerce & A.M. Science College,   **Nashik, India**
B.Sc. Computer Science,   *Graduation Date: October 2022*
- o **CGPA: 9.26**
- o **Related Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Computer Networking, Discrete Mathematics, Software Testing, Software Design, Statistics and Applications

EXPERIENCE

K.R.T. Arts, B.H. Commerce & A.M. Science College   **Nashik, India**
Teaching Assistant   *January 2021 – May 2021*
- Supported professor in teaching Object-Oriented Programming concepts using Java to a class of 60+ students
- Led 10+ lab sessions, graded 100+ assignments, and guided students during weekly office hours

PROJECTS

Blog Aggregator Server,   **Birmingham, UK**
Personal Project,   *January 2024 – February 2024*
- Developed a Go-based web server with full CRUD functionality, allowing users to create, read, update, and delete RSS feed subscriptions
- Utilized PostgreSQL and SQLC for efficient storage and retrieval of RSS feed data, user preferences, and subscriptions for 500+ users
- Implemented features for users to follow and unfollow RSS feeds added by other users, enabling personalized content aggregation from 100+ sources
- Utilized Docker for containerisation, ensuring portability and ease of deployment across 3 different environments

Snippet Box,   **Birmingham, UK**
Web Application for Sharing Text Snippets,   *November 2023 – January 2024*
- Developed a web application using Golang, Gin, MySQL, RESTful APIs, Docker, HTML/CSS/JavaScript
- Implemented user registration, authentication, authorisation, and form processing for 300+ users
- Designed and developed a RESTful API backend with 10+ endpoints and integrated with MySQL database
- Ensured 99.9% uptime by containerizing the application using Docker for deployment and scalability

ACTIVITIES AND LEADERSHIP

University of Birmingham,   **Birmingham, UK**
Student Representative,   *September 2023 – Present*
- Served as the elected student representative for the CS Department with 100+ members
- Offered valuable student perspectives and feedback on society initiatives, events, and curriculum, contributing to 5+ policy changes

SKILLS

Programming: Go, Java, JavaScript, SQL, HTML, CSS
Databases: MySQL, PostgreSQL
Tools and Technologies: Git, Docker, AWS (EC2, S3, Lambda, API Gateway), Kubernetes, RESTful APIs, Fiber, Gin