

MOHIT BIDIKAR

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[Portfolio](#) | [GitHub](#) | [LinkedIn](#)

I am a Full Stack developer with over four years of professional experience. Holding both Bachelor's and Master's degrees in Computer Science, I combine technical experience with a strong theoretical background. I am passionate about creating impactful and innovative software solutions.

PROFESSIONAL EXPERIENCE

Frontend Developer

Apr 2023 – Oct 2023 | Stockholm Environment Institute, York, UK

- Worked part-time while pursuing my Master's in Advanced Computer Science at the University of York.
- Redesigned the React frontend of both the SAMHE public-facing site and the SAMHE web app, which is employed by over 1000 schools in the UK for real-time air quality monitoring.

Senior Software Developer

Dec 2020 – Aug 2022 | Samasa Innovations Pvt Ltd, Goa, India

- Developed the backend for a Hotel and Hospitality management application, serving diverse clients in India and UAE, utilizing Node, Express, and MongoDB.
- Collaborated with the frontend team to ensure seamless application functionality.

Software Engineer

Nov 2018 - Oct 2020 | Goa Electronics Ltd, Goa, India

- Contributed to the development of the Goa Services Web Application, a critical tool for government departments in Goa, by engineering robust solutions with Java, and PostgreSQL
- Developed Goa Tourism, a cross-platform app, using AngularJs and Apache Cordova.
- Authored automated test scripts for key modules using Selenium Webdriver.
- Integrated Google Maps into mobile and web applications.

Software Development Intern

Jan 2016 | Persistent Systems, Goa, India

- Took up an internship while pursuing my Bachelor's in Engineering.
- Gained hands-on experience with real-world software development.

EDUCATION

Master of Science (Advanced Computer Science)

University of York | Sep 2022 – Nov 2023

- High integrity systems engineering
- Evolutionary and adaptive computing
- Advanced topics in interactive technologies
- User centered design for interactive technologies
- Model driven engineering
- Autonomous navigation system for boats using neural networks evolved with genetic algorithms (Dissertation)

Bachelor of Engineering (Information Technology)

Goa College of Engineering | 2013 – 2017

SKILLS

Frontend

- HTML | CSS | Sass | JavaScript | TypeScript
- React (Redux toolkit | Socket.io | Apollo | Storybook | Styled components)
- React Native

Backend

- Node
- Express (GraphQL | REST | Mongoose | Socket.io | JWT | Passport | Clustering | Apollo)
- Apache wicket with Java

Database

- SQL | PostgreSQL | MSSQL | MongoDB | Redis

Testing

- TestNG | Selenium WebDriver | Jest

Project Management and Version Control:

- Jira | Github Issues | Github | Gitlab

Deployment with CI / CD

- Docker | Github Actions | AWS

INTERESTS

Passionate about football, I enjoy both playing and watching the game. My intrigue extends to astronomy, which captivates me, and I actively experiment with new technologies in the realm of computer science.