Mihir Vir

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SUMMARY

Self-motivated and hardworking student who is interested in new technologies like Rust and Go with proficiency in Node.js and React.js, I'm eager to secure a graduate role. My strong academic foundation equips me to contribute to web development projects. I'm passionate about creating efficient and user-friendly solutions, making me a valuable addition to any team.

EDUCATION

University College Dublin, Ireland

Sept 2023 – Present

Masters of Science in Computer Science (Negotiated Learning)

Relevant Courses: Software Engineering, Performance of Computer Systems, Big Data Programming, Distributed Systems, Exploring Ruby,Cloud Computing, Ethical Hacking, Contemporary Software Development.

Amity University, Noida

June 2020 – June 2023

Bachelor of Computer Applications

CGPA: 7.81 | **Courses:** OOP, Algorithms, Operating Systems, Data Structures, Computer Networks, Database Systems, Statistics

SKILLS

Languages:	Java, JavaScript, Python
Technologies:	NodeJS, ReactJS, ExpressJS, MongoDB, MySQL, Redis, AWS EC2, Testing, Docker, GIT, Kubernetes, CI/CD
Soft Skills:	Adaptable, Team player, problem solver, critical thinker

WORK EXPERIENCE

Downbeat Digital

Delhi, India | May 2022 - July 2022

ReactJS Intern

- Worked with the frontend team to make the website responsive.
- Fixed mobile UI bugs on the site.
- Minimized API request calls.
- Improved performance by using **useMemo** for storing expensive calculations

PROJECTS

E-Learning Platform - [Backend](#) [Frontend](#)

- Technologies used: ReactJS, NodeJS, MongoDB, ExpressJS, **AWS EC2**.
- Made a dashboard for the users who sold courses to get vital information like how many courses they sold this year and total earnings. Used **ChartJS** to show the graph.
- Users could return the course which they purchased within 10 days of purchase.
- Made a custom video player with new functions like double tap to skip, video playback speed, and more.
- Used **AWS EC2** to host the prod environment of the application.
- Used **railway** to host the testing environment of the backend application.
- Frontend was hosted using **Vercel**.

Blogs Web Application - [Github](#)

- Technologies: ReactJS, NodeJS, MongoDB, CSS, Jest, Redis, Github Actions, ExpressJS
- Did automated headless browser testing using **Jest** library
- Used **Github Actions** for Continuous Integration (CI)
- Cached expensive queries using **Redis** for faster response time.
- Used react to build the frontend part of the application
- Implemented authentication using **google-oauth2**.

Small Blog Microservices Application - Github
- Technologies: ReactJS, NodeJS, Docker, Kubernetes
- Developed my own simple Event-bus service to know the basics of how other event buses work.
- Got to learn about how asynchronous microservices solutions work

Volunteer Work

NGO Work
- During the pandemic, I worked with a NGO called AIFA, in which I volunteered for a month to distribute masks and hand sanitiser to underprivileged people.

Certificates
- Advanced NodeJS Concepts (Udemy)
- Frontend Development by (CodingNinjas)
- Backend Development (CodingNinjas)
- Introduction to Java Programming (CodingNinjas)
- Java Data Structures and Algorithms.

Hobbies
- Music Production
- Football
- Table Tennis
- Cooking