

Apoorv Bedmutha

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MTech 2024 Post Graduate from IIIT Gwalior with 1 year of professional experience, 3 Star coder on Leetcode (Rating: 1555, top 29% Competitive Programmer globally), GATE 2022 qualified with All India Rank 8028, Award winning performance at Xoriant.

WORK EXPERIENCE

Xoriant Solutions Private Limited

Associate Software Engineer

July/2021 – September/2022

Pune, Maharashtra

- Coded features and collaborated for **CLS Bank** on a **forex settlement Project** with a **team of 4**.
- **Increased the code coverage up to 88%** by writing **JUnit** test cases.
- **Designed and developed 15+ Web pages** using **React, Redux, Material UI, Figma and SCSS**.
- **Enhanced usability** by developing **SWIFT Message Gateways** that pushed support from 1 to 4 types of input files.

Xoriant Solutions Private Limited

Software Development Intern

February/2021 – June/2021

Pune, Maharashtra

- Engineered **Payment Application** for **Finastra** and led a team of 3.
- Integrated a **real-time SMS notification** system regarding the **current progress** of their request within 1 sec of event.
- Deployed **5+ REST APIs**, implemented **connections between the Database and Backend server**.
- Architected an **authentication system** and optimized it using **caching from 1000ms to 10ms**.

EDUCATION

ABV – Indian Institute of Information Technology (IIIT Gwalior)

M.Tech, Computer Networks

August/2022 – May/2024

Gwalior, Madhya Pradesh

- **8.64/10.0 GPA**
- Courses: **System Design**, Internet of Things (IoT), Computer Networking, **Software Engineering**
- **Placement Representative:** Co-ordinating with **40 students** and ensuring smooth operation of training and placement activities. The position tests a person's **communication, leadership, management** skills.
- **Teaching Assistant:** Conducted lab activities & taught **DBMS and OOP** to **240+ students** nurturing my **communication** skills.

Sinhgad College of Engineering

B.E, Computer Science Engineering

April/2017 – April/2021

Pune, Maharashtra

- **8.69/10.0 GPA**
- Courses: **Data Structures, Algorithms, Computer Networking, Operating System, Database, Object Oriented Programming**

CERTIFICATIONS, SKILLS, ACHIEVEMENTS & VOLUNTEERING

- **Certifications:** AWS Cloud Practitioner Certification, Microsoft Technical Associate in JavaScript, NPTEL certification in C++
- **Skills:** Java, SQL, JavaScript, C++, AWS, Linux, HTML, REST APIs, React, Spring Boot, Hibernate, Git, CSS

PROJECTS

Blockchain based Authentication System for IoT networks

Link: <https://github.com/bedmuthaapoorv/MINA-POC>

- Developed a **Lightweight authentication system** for **IoT devices** on **Mina Blockchain** protocol via hosting **Smart contracts**.
- **Built registration and authentication functionalities** focused towards **minimizing memory and power consumption**.
- Implemented **Caching** to **eliminate redundant requests** to the **blockchain**.
- **Technology used:** TypeScript, Internet of Things (IoT), Blockchain, Smart Contracts, Node.js, Express.js, Postman

Full Stack Payment Processor

Link: <https://github.com/bedmuthaapoorv/full-stack-payment-processor>

- Created a **banking application** where **customers can send transactions to bank officials** for verification and processing.
- Customers will receive **real time SMS notifications** on after every update on their transaction request.
- **Added authentication** module and **boosted the performance via caching**.
- **Technology used:** Spring Boot, Java, React, MySQL, Hibernate, CSS, Postman

LINKS

- Github: <https://github.com/bedmuthaapoorv>
- LinkedIn: <https://www.linkedin.com/in/apoorvbedmutha>