Amit Kumar Thakur

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⌘ GitHub Profile
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LeetCode Profile

Bachelor of Technology
Techno Engineering College, Banipur

EDUCATION

•**Bachelor of Technology** *2019-22*
 Techno Engineering College, Banipur CGPA: 8.7

•**Diploma in Mechanical Engineering** *2015-18*
 Kingston Polytechnic College, Barasat CGPA: 8.1

PERSONAL PROJECTS

•**E-commerce Website**

Developed a full-stack application with an API and UI for user registration, login, account management, admin controls, product manage...

 – Built an API enabling user registration, login, and account management.
 – Implemented admin controls for managing users and products.
 – Created a user-friendly UI using ReactJS for seamless user interaction.
 – Technology Used: ReactJS, Node js, Express js, Mongo Db, Bootstrap.

•**Blog App**

Developed a real-world article with image posting project for managing and publishing blog content for multiple users.

 – Enabled users to like blogs, edit their profiles, and post content in real-time.
 – Technology Used: NodeJS, MongoDB, ExpressJS, ReactJS, Multer, Redux, Bootstrap.

EXPERIENCE

–**Full Stack Developer, Zorrro PVT LTD**

Kolkata, India(Remote) 07/2023 – Present
 * Implemented bi-directional data flow using Socket.IO for real-time operations, assuming full responsibility for managing and optimizing scalable systems.
 * Key Achievements at Zorrro:
   · Developed robust and scalable code, designed schemas, and maintained codebase for scalability.
   · Implemented Socket.IO for automation of bills and payout generation, enhanced driver allocation algorithm.
   · Optimized allocation algorithms, reducing costs by 30 percent.
   · Enhanced database performance by 15 percent through indexing and optimized queries, resulting in a 40 percent faster system response and improved user experience.
 * Technologies Used: Node.js, Sequelize ORM, Express.js, TypeScript, Socket.IO, React.js, Redux, AWS (EC2, S3).

–**Full Stack Developer, AdmitKard** *02/2023 – 06/2023*

Noida, India(Hybrid)
 * Microservices Architecture: Implemented and integrated microservices architecture, enhancing scalability and flexibility. Integrated authentication service and third-party APIs for accommodation services.
 * Collaboration: Effective collaborator with UI/UX designers, QA testers, and product managers. Led internal team to develop and launch a new application.
 * Reusable Code and Unit Tests: Proficient in writing reusable code and unit tests, achieving 100/100 code coverage for functions and APIs.
 * Technology Used: NodeJS, MongoDB, ExpressJS, TypeScript, Jest, ReactJS, Redux, Swagger.

–**Teaching Assistant Internship, Coding Ninja** *09/2022 - 01/2023*

Remote
 * Proven Node.js tutor with 800+ resolved doubts in 4 months, praised for strong problem-solving skills and an 8.6/10 student rating

TECHNICAL SKILLS AND INTERESTS

Languages: JavaScript, TypeScript, HTML+CSS
Libraries: React.js, Redux
Web Dev Tools: VScode, Git, GitHub, Postman
Frameworks: Express.js
Cloud/Databases: MongoDB, Firebase, Relational Database (MySQL) with Sequelize ORM
Other Tools/Libraries:Node js, Docker, Socket.IO, Jest, Swagger
Platforms: AWS (EC2, S3)   **LeetCode**: I have solved more than 300 problems.