

AAYOUSHEE

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EDUCATION

Indian Institute of Information Technology Allahabad
B.Tech in Electronics and Communication Engineering

June 2020 - Present
CGPA: 8.05

EXPERIENCE

SOFTWARE ENGINEER INTERN (REMOTE)
Stealth Startup

May 2023 - August 2023

- Assisted in the design and implementation of user-friendly, responsive UI/UX features.
- Worked closely with senior developers to debug and optimize code for improved app performance.
- Tools and Technology Used: Next.js, Typescript, NodeJS, Supabase.

RESEARCH INTERN
IIIT Allahabad

Jan 2023 - May 2023

- Developed CRUD based MERN stack application for searching nearby street hawkers and sorting them accordingly as the user wants.
- Languages and Technology: React JS, Node.js, MongoDB, Express, HTML, CSS, JavaScript [VISIT WEBSITE](#).

TECHNICAL BLOG WRITER INTERN (REMOTE)
Coding Ninjas

Feb 2023 - May 2023

- Worked as a technical blog writer, created content related to technology and technical subjects for blog articles.
- Wrote blogs and studied about technical topics such as Java, SQL, Computer Networks, and many more.

PROJECTS

YELLOW TAXI TRIP : [KAGGLE](#)

- I predicted the pickup density for a particular region and time-interval using MiniBatchKMeans to divide the New York City into clusters, and then by using moving averages based models like simple moving averages, weighted moving averages, etc. and regression techniques like Linear Regression, Random Forest Regression, etc. As the performance metrics, I used MAPE and MSE.
- Languages and Technology: Numpy, Pandas, Dask, Matplotlib, Seaborn, XgBoost, Scikit-Learn.

SHOPKART: [VISIT WEBSITE](#)

- Developed an e-commerce website which uses matrix factorization and collaborative filtering to recommend products to a particular user and learn through his interactions.
- Languages and Technology: Python, Numpy, Pandas, Flask, Matplotlib, Seaborn, XgBoost, Scikit-Learn, HTML, CSS, Javascript.

2 X 2 RUBIKS CUBE SOLVER : [GITHUB](#)

- A C++ 2-way BFS Algorithm based project to find the most straightforward and smallest path of moves from unsolved cube to solved state of the cube.
- Languages and Technology: Arduino UNO, Arduino IDE, C++ Algorithm.

SKILLS

Programming Languages: C, C++, Java, Python, MySQL, Javascript, Typescript, Scala, Dart.

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, System Design, Computer Networks, Machine Learning.

Technology: ReactJS, React Native, Node.js, Express.js, JavaScript, HTML, CSS, Mongoose, SQL, MongoDB, Spring Boot, MERN Stack, Angular, NodeJS, Linux, Express JS, Flutter, JUnit, Mockito, Docker, Tableau, PowerBI, Excel, AWS Redshift, Redis, Kafka.

Developer Tools: Git, JIRA, GitHub, AWS, Firebase, IntelliJ IDEA, BitBucket, Red Hat Openshift, CI/CD Tools.

ACHIEVEMENTS

- Semifinalist in Flipkart Grid 5.0.
- 3rd in HULT PRIZE IIIT Allahabad - Hackathon organized by HULT PRIZE.
- Runner-up in BUILD-N-HACK'21 - Yearly Hackathon organized by Tesla' IIIT Allahabad.
- Solved 1000+ coding questions on different platforms including Pepcoding, [Codeforces](#), InterviewBit, and [GeekforGeeks](#). Solved 200+ questions on [Leetcode](#).