SHAFAYET AHMAD KANON

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OBJECTIVE

Developer with hands-on experience in building scalable web applications using MERN Stack. Proficient in API development and deployment and in integrating machine learning models into applications. Currently pursuing a Masters in Computer Science at the University of Greenwich, with a focus on computer security and machine learning.

SKILLS

Programming Languages	TypeScript, JavaScript, C++, Java, Python
Frameworks/ Libraries	Node.js, Next.js, Express.js, React.js, Redux, Spring Boot, tRPC, Zod
Databases	PostgreSQL, MongoDB, Prisma, Mongoose, Redis, MySQL, Firebase
Machine Learning	TensorFlow, PyTorch, Scikit-Learn, Numpy, Pandas, OpenCV, Jupyter
DevOps	Docker, Kubernetes, AWS, Vercel, NGINX, RabbitMQ, CI/CD (GitHub Actions)
DevTools	Linux(Ubuntu), Git/GitHub, GraphQL, REST, Jest, Postman

EXPERIENCE

Backend Software Engineer (Intern), ANTT Robotics R&D   May 2024 - Aug, 2024

● Developed and deployed RESTful APIs using Node.js, Express.js, and MongoDB, optimizing backend performance and enhancing data management for existing systems.
● Optimized multi-query database calls in several APIs by implementing MongoDB's aggregation pipeline, resulting in up to a 30 percent reduction in execution time.
● Conducted thorough functional testing and debugging of APIs with Postman, achieving a 98 percent success rate in response validation against expected outputs. ● Documented API endpoints and system architecture, improving team communication and collaboration.

EDUCATION

M.Sc. in Computer Science, University of Greenwich   Sept 2024 - July, 2025

Relevant Courses: Machine Learning, Cyber Security, Clouds, Grids and Virtualization, Penetration Testing, System Administration and Security

B.Tech. in Computer Science and Engineering, KIIT University   Aug, 2020 - May, 2024

Relevant Coursework: Operating System, Computer Organization and Architecture, Automata and Formal Language, Data Structure and Algorithm, Database Management Systems, High-Performance Computing, Artificial Intelligence, Compiler Design, Web Technology,

Coordinated workshops for juniors on Data Structures and Algorithms, Version Control Systems (Git/GitHub), and Open Source Contribution.

PROJECTS

PrerokGlobal — Shipment and Logistics Management Web Application   [Live Link](#) — [Source Code](#)

Tech Stack: TypeScript, Next.js, React.js, Express.js, MongoDB, Mongoose, Tailwind CSS, Firebase, Vercel

● Spearheaded a team of six in the development of a logistics platform that streamlines shipment tracking, real-time quoting, and booking management.
● Implemented user authentication and personalized tracking, improving user engagement and operational efficiency.
● Integrated real-time chat support and automated customs documentation to enhance user experience.
● Improved platform usability with dedicated return management functionality and a community forum for enhanced customer interaction.

ACHIEVEMENTS AND EXTRA CURRICULAR

● Publish Technical and Educational Content regularly through videos on [YouTube Channel](#) and [Blog Posts](#)
● Received fully funded [SII](#) Scholarship covering 4 years bachelor's degree.