

Hashir Najib Khan

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Skills

Languages: JavaScript, TypeScript, Python, C++, SQL, HTML, CSS

Technologies & Tools: React.js, Node.js, Next.js, Express.js, MongoDB, Tailwind CSS, Firebase, Supabase, MySQL, PostgreSQL, Redux, Prisma, Linux, Django, Tensorflow, LangChain, LLMs, AWS.

Work Experience

Amplivate Tech

June 2024 – Feb 2025

Software Developer (*React.js, Node.js, PostgreSQL, Tailwind CSS, Prisma, AWS*)

- Worked on a **Manufacturing Workflow Automation System**, developing **scalable backend services** using *Node.js* and implementing *Microservices* to enhance efficiency. Designed and optimized *PostgreSQL schemas with Prisma ORM*, integrating **API caching, authentication, and Role-Based Access Control** for security and performance.
- Leveraged **AWS services**, including **Amazon S3**, for **secure file storage and retrieval**, ensuring efficient cloud resource management and scalability.
- Optimized **API performance**, reducing **latency by 30%**, and developed **AI-driven decision-support software** using *GPT-4o* to assist in optimizing resource allocation, production scheduling, and strategic management for the client.
- Built **interactive dashboards** using *React.js* and *Redux*, integrated *Chart.js* for real-time data visualization, and implemented *Web Sockets* for live data updates, enhancing user experience.

Jet Set Fly Aviation

Dec 2023 – May 2024

Freelance Developer (*Next.js, Framer Motion, Resend, Tailwind CSS*)

- Developed a *Next.js*-powered website to enhance **user experience** and online visibility, driving a **45% increase** in potential student queries within three months.
- Engineered a streamlined email communication system using *Resend*, improving engagement between the academy and prospective students; boosted **student inquiries via email by 25%**.
- Optimized website design for a **smooth user experience** by leveraging *Tailwind CSS* and *Framer Motion*.

Projects

Tech Blog ([Github](#) | [Demo](#))

(*React.js, Node.js, Firebase, MongoDB, Tailwind CSS*)

- Developed a comprehensive **full-stack blog** application using *React.js*, *Node.js*, and *MongoDB*.
- Implemented robust features for **user authentication** (*JWT* and *Google OAuth*), post management, liking and commenting system.
- Integrated *Firebase* for **efficient image storage** and leveraged *Docker* for consistent and **scalable deployment**.
- Utilized *Tailwind CSS* for a modern and **responsive design** and integrated *WYSIWIG editor*.

POST (AI-powered Web App for PM Poshan Scheme)

(*HTML, CSS, JS, Python, Django, Tensorflow/Keras, SQL*)

- Monitored scheme implementation, **tracked attendance & nutritional intake**.
- Predicted calorie & protein** content of midday meals using Deep Learning.
- Generated reports & visualizations** for data-driven decision making (schools to national level).

Education

Datta Meghe College Of Engineering, Navi Mumbai

Aug 2019 - Jun 2023

B.E. in Computer Science and Engineering

CGPA: 8.03/10

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning.

Certifications and Participations

100xdevs Full Stack Web Development Course

Successfully complete 0-1 MERN Full Stack Web Development Course. ([certificate](#))

Finalist in Smart India Hackathon 2022

Led a team of 6 working on a solution to track the impact of **PM POSHAN** scheme on a child's health and well-being.

Volunteering Experience

General Secretary – CSI DMCE ([@csidmce](#))

Aug 2022 - July 2023

Managed and led a team of 150 students and successfully organized a national level hackathon.

Collaboration Lead – GDSC DMCE ([@gdsc.dmce](#))

Aug 2021 - July 2022

Managed the collaboration team and successfully organized 30+ seminars and workshops.