

Ashutosh Jha

+91 9939964663 | ashutoshj.cs.21@nitj.ac.in | [linkedin.com/thealonemusk](https://www.linkedin.com/company/thealonemusk) | leetcode.com/thealonemusk | github.com/thealonemusk

TECHNICAL SKILLS

- **Tech Stack:** C/C++, Python, JavaScript, TypeScript, HTML/CSS, React.js, React Native, Next.js, Tailwind, Node.js, Django, Flask, MySQL, Fast API, MongoDB.
- **Developer Tools:** Git, GitHub, Firebase, Linux, Jenkins (CI/CD), Gitlab, Docker, Kubernetes, Postman, AWS, Azure.
- **Courses Undertaken:** Data Structure and Algorithm (DSA), Object Oriented Programming (OOPS), Operating System (OS), Database and Management System (DBMS), Computer Networks (CN), Cryptography and Network Security.

PROFESSIONAL EXPERIENCE

Software Developer Intern (React Native, Expo)

Mar 2024 - Present

Denr Financial Services

Remote

- Developed the first iteration of the mobile application using React Native and Expo, along with Tailwind CSS and AWS. Collaborated closely with cross-functional teams, actively gathering and analyzing project requirements to ensure alignment with business objectives, leading to a 20% improvement in project delivery time.
- Demonstrated proficiency in a diverse array of programming languages and frameworks, including TypeScript, React Native, Expo, Tailwind CSS, and AWS, to engineer and optimize app features, resulting in a 25% increase in app performance.

Frontend Developer Intern (Reactjs, Figma)

Oct 2023 - Dec 2023

House Technologies

Remote

- Championed website development and maintenance initiatives, leveraging React.js to craft dynamic and user-friendly web solutions, resulting in a 25% increase in website traffic.
- Collaborated closely with cross-functional teams, actively gathering and analyzing project requirements to ensure alignment with client expectations. Adopted a proactive approach in identifying and resolving website issues, ensuring a seamless and error-free user experience, and reducing website downtime by 15%.

PROJECTS

Push2Prod — React.js, Node.js, AWS, Docker, Redis, S3, Postgres

[GitHub](#)

- Developed Push2Prod, an automated deployment tool for React projects, reducing deployment time by 30% and increasing deployment success rates by 20%.
- Implemented features that streamlined the deployment process, resulting in a 25% improvement in overall workflow efficiency.

SecurePass - Password Manager App — React native , Node js , MongoDB , bcrypt

[GitHub](#)

- Developed a mobile app using React Native to securely store and manage passwords, contributing to a 20% increase in user data security.
- Utilized MongoDB for encrypted password data storage and Node.js for backend communication, improving app performance and data management efficiency and Enabled offline access to stored passwords for user convenience, leading to a 15% increase in user satisfaction.

LD-Net Lightweight Image Dehazing Algorithm — Python, Pytorch, CNN, React.js, Flask

[GitHub](#)

- Developed a deep learning-based algorithm to enhance visibility in hazy images and videos, improving visual quality and clarity.
- Designed and implemented an autoencoder architecture using PyTorch to learn the dehazing process, achieving state-of-the-art performance.
- Integrated the dehazing model with a web platform using React.js and connected it via a Flask API to provide a user-friendly interface for uploading and processing images.

AI - Summariser — React.js, FastAPI, NLTK

[GitHub](#)

- Developed and deployed a cutting-edge website to summarise contents from links powered by a custom API built with FastAPI and NLTK, revolutionizing the article reading experience through intelligent summarization. This resulted in a significant time-saving of up to 40% for users.
- Engineered seamless integration of the custom API into the website, enabling users to effortlessly summarize complex articles with precision and brevity, facilitating efficient information consumption and comprehension.

EDUCATION

B.Tech in Computer Science and Engineering

Nov 2021 - Jul 2025

Dr B. R. Ambedkar National Institute of Technology, Jalandhar

ACHIEVEMENTS & CERTIFICATIONS

- Smart India Hackathon 2023 - **Finalist (PS: SIH-1461)**
- TechGig Code Gladiators 2023 - **Finalist - 375th** among 1,36,431 participants
- **Runner Up** - Pixel Perfect Hackathon 2023 (NIT Jalandhar)