

Ankit Sharma

+91 8448552685 – ankitsharma0517583@gmail.com – LinkedIn – Portfolio

EDUCATION

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science and Engineering

Aug 2022 - May 2026

Modern Vidya Niketan, Faridabad

12th (PCM) | 92.6%

Apr 2020 - Jul 2021

10th | 95%

Mar 2018 - Apr 2019

WORK EXPERIENCE

Software Engineer Intern | AMBAK

Oct 2024 – Dec 2024

- Integrated Razorpay for secure and seamless payment processing, improving transaction success rates by 10%.
- Revamped platform efficiency, reducing load time and improving user experience, contributing to increased user retention.
- Developed a sign-up, sign-in page using Firebase, reducing authentication time by 15% and enhancing user onboarding.

PROJECTS

Face-Recognition | React.js, Xception Model, Node.js, PostgreSQL | [Link](#)

Apr 2024

- Designed and implemented** a high-performance **face recognition model** using the **Xception architecture**, enabling advanced feature extraction and accurate classification.
- Integrated the trained model** into a **React.js web application** via **RESTful API calls**, delivering seamless **real-time face detection** and interactive user experience.
- Processed and analyzed** over **2,500 facial images**, enhancing the model's generalization and improving real-time responsiveness.
- Optimized model performance, achieving a 25% reduction in false positive rate through hyperparameter tuning, data augmentation and threshold adjustments.

URBANCENTER | React.js, JavaScript, CSS, Node.js | [Link](#)

Oct 2023

- Architected and developed a scalable full-stack grocery web application utilizing React.js for frontend development and Node.js for backend API services, ensuring modularity and maintainability.
- Created a **responsive and user-friendly interface** using **Bootstrap** and custom **CSS**, leading to a **15% improvement in page load speed** and enhanced mobile responsiveness.
- Modernized site **navigation, accessibility, and UI readability**, contributing to a **20% reduction in bounce rate** and increased user retention.
- Reengineered** the transaction workflow with real-time inventory validation and intuitive payment options, reducing checkout failures by **40%** in the first quarter.
- Spearheaded performance enhancement initiatives using code optimization and streamlined data retrieval processes, achieving a **20% surge** in user interaction, which directly led to higher conversions.
- Collaborated in an Agile development environment, utilizing git for version control, performing peer code reviews, and following **CI/CD** best practices to streamline deployment and integration workflows.

AWARDS & ACHIEVEMENTS

- Smart India Hackathon (SIH) Internal Round [Sep 2024]:** Pioneered an Electricity Demand Forecasting and Load Calculation Model for Delhi in the Smart India Hackathon 2024, reducing power procurement costs by approximately 15% via optimized resource allocation.

Technical skills and Certifications

- Languages:** C++, Java, Python, JavaScript, Html, CSS
- Frameworks:** Node.js, React.js, Bootstrap, Tailwind, MySQL, MongoDB, PostgreSQL
- Concepts:** Web Development, Data Structures & Algorithms, Object-Oriented Programming (OOPs), Operating Systems, Computer Networks
- Developer Tools:** Git, GitHub, Heroku, Figma, Canva, Linux, Visual Studio Code, Vercel, Postman
- Certifications:**
 - Marketing analysis by NPTEL [ELITE MEDAL]
 - Introduction to Web Development with HTML, CSS, JavaScript by IBM Certification,
 - Python (Basic) by HackerRank Certification
 - AWS Academy Cloud Architecting by AWS Academy Graduate