VISHAL KUMAR OJHA

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SUMMARY

Full Stack Developer skilled in React.js, Next.js, Node.js, Django, and Flutter with hands-on experience in building scalable web and mobile apps. Delivered impactful projects during internships at Super Probs and Hindalco.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, TypeScript, Dart ,SQL

Development Frameworks: HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind CSS, Flutter,Node.js, Express.js, Django, Flask, .NET, Django REST Framework, RESTful APIs, authentication (JWT, OAuth2), API documentation (Postman)

Libraries & Tools: GitHub, Postman, Figma, Notion, MongoDB, MySQL, PostgreSQL, Firebase Firestore, Docker, Git, AWS (EC2, S3, Lambda), CI/CD, Appwrite

PROJECTS

Arno Codes (EdTech Platform)   Sep.2024 – Present
Full-Stack Project   *React, Next.js, TypeScript, MongoDB Atlas, Figma*
  • Developed a DSA learning hub for 150+ users with tag-based taxonomy and optimized routing, reducing content discovery time.
  • Integrated MongoDB Atlas for real-time data sync, secure JWT authentication, and role-based access control.
  • Applied UI/UX best practices via Figma, maintaining 99 uptime and 75 user satisfaction based on collected feedback

Farm-O-Help (Plant Disease Detector)   Feb. 2025 – Apr 2025
Machine Learning Project   *Flutter, TensorFlow Lite, Python, REST APIs*
  • Trained and deployed a CNN model on 10k+ plant images (85 accuracy) for mobile-based real-time disease detection.
  • Implemented multilingual UI and integrated external APIs for soil health analysis to assist rural farmers.
  • Deployed TensorFlow Lite model in Flutter app for real-time plant diagnostics.

EXPERIENCE

SDE Intern   May 2025 - Present
Super Probs   *Remote*
  • Engineered four new scalable React.js frontend components with Next.js framework, each fully integrated with Figma-based UI/UX system, which resulted in a decrease in page load time

Project Intern   April 2024 - June 2024
Hindalco Industries Ltd   *Renukoot , U.P.*
  • Developed a full-stack internal dashboard that improved KPI tracking efficiency and decreased reporting time by 40.
  • Automated repetitive IT tasks with Python, cutting manual interventions by 30

EDUCATION

VIT Bhopal University   Bhopal, India
B.Tech - Computer Science and Engineering (Specialization in Health Informatics)   *Oct. 2023 – Present*

ACHIEVEMENTS

  • 3rd Place – C.N. X Notion Hackathon (Aug 2024)

  • 8th Place – Buildathon Hackathon, Industry Conclave '24 (VIT Bhopal)

  • Finalist – Project-Expo, VIT Bhopal (Jul 2024)