

ABHISHEK R ALLAPUR

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Summary

Final-year Computer Science Engineering student with hands-on experience in full-stack web development (MERN) and UI/UX design using Figma. Skilled in building responsive, user-friendly applications and integrating RESTful APIs. Exploring AI/ML with basic model integration. Currently learning cloud deployment, containerization, and user-focused product design. Seeking roles in full-stack development, UI/UX design, or entry-level AI/ML.

Education

Alvas Institute of Engineering and Technology

Bachelor of Engineering in Computer Science - CSE (7.0 CGPA)

Nov 2022 – June 2026

Mangalore, Karnataka

SBR PU College

PCMB (75 %)

Aug 2020 – Apr 2022

Kalaburgi, Karnataka

SBR Res School

SSLC (85 %)

June 2020

Kalaburgi, Karnataka

Experience

Hawk Aerospace Private Limited

Software Development Intern

Nov 2025 – Dec 2025

Mumbai, India

- Built the company website at hawkaerosystem.co.uk — designing UI/UX, developing front- and back-end components, deploying to production, and ensuring responsiveness and cross-browser compatibility.
- Worked on software development tasks while gaining exposure to organizational processes, quality standards, and product workflows.
- Contributed to performance-based tasks aligned with the company's internal training and development objectives.

Projects

Web-Based OS | TypeScript, Node, Express, Supabase, Gemini

September 2025

- Developed a web-based OS integrating file management, notes, code editing, terminal access, AI assistance, and a built-in browser enabling users to work, code, and browse in one unified workspace with Supabase-powered authentication, storage, and database management.

Decentralized DataSet Marketplace | TypeScript, Node, Express, Supabase, IPFS, Gemini 2.5 flash

July 2025

- Developed a decentralized dataset marketplace with AI-based quality checks, IPFS storage, Supabase backend, and a TypeScript frontend.

Car Damage Detection | React, Node, Express, MySQL, PyTorch, ResNet50, Socket.io

May 2025

- Built an AI-powered car damage detection and garage recommendation system using FastAPI, PyTorch and a web frontend for image-based diagnosis, garage booking, and real-time chat.

Online auction platform | React, Express, Node, MongoDB

December 2024

- Built a real-time online auction platform using MERN stack with live bidding, product listings, revenue tracking, and instant winner notifications.

Technical Skills

Languages: C, Java, Python, SQL, JavaScript.

Developer & Design Tools: VS Code, Figma, Postman, Docker, Latex.

Web Technologies & Frameworks: HTML, CSS, React.js, Node.js, Express.js, MongoDB, REST APIs, Tailwind CSS

Databases: MongoDB, MySQL, Supabase.

Platforms: Git/GitHub, Virtual Machines, Firebase, Netlify, Vercel.

Publications

A Comprehensive Review of Different Frameworks for Ensuring Data Privacy and Security for IoT Networks in Smart City - 2025-

Certifications

Wipro Limited (TalentNext Program)

Java Full Stack Developer

2025

DeepLearning.AI

Deep Learning Specialization (CNNs, Sequence Models, Neural Networks)

2025

University of California, Irvine

Programming the Internet of Things (IoT) Specialization

2025

Infosys

ML Foundations, Cloud Computing, React JS, MySQL

2025

IBM

Penetration Testing, Threat Hunting, and Cryptography

2025

IEEE

REST API & API Development with Node.js, Express, and Database Integration

2025

Forage

Walmart GlobalTech – Advanced Software Engineering & bp Digital Design and UX

2023

Achievements

Competitive Programming

Solved more than 500 problems on various platforms like Leetcode , CodeChef , Hackerrank , GeeksForGeeks