

# Amit Kamat

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## EDUCATION

**Bachelor of Engineering (Information Technology)**  
Pune Vidyarthi Griha's College of Engineering and Technology

Dec 2021 – May 2025  
CGPA – 8.65/10

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, TypeScript, C++, Java, Solidity, Python

**Development:** ReactJS, NodeJS, ExpressJS, MongoDB, NextJS, Prisma, GraphQL, REST API, FastAPI, React-Native, Blockchain, LangChain, AWS

**Databases:** MongoDB, Redis, MySQL, PostgreSQL, Firebase, Supabase

**Tools:** Visual Studio Code, Eclipse IDE, PyCharm, Postman, Git, GitHub, Ganache

## WORK EXPERIENCE

### Full Stack Developer Intern, BurdenOff Consultancy Services

Nov 2024 – Present

- Delivered 10+ web solutions with **React**, **Node.js**, and **AWS (EC2, S3)**, improving load times by **40%** and user engagement by **25%**.
- Optimized **GraphQL** & **PostgreSQL** queries, reducing query times by **60%**, efficiently managing 10,000+ daily user interactions.
- Implemented **EFK stack** for logging, **Plausible** for analytics, and **Docker** for containerization while streamlining development with GraphQL Codegen and **Prisma**, cutting development time by 40%.

### Project Intern, La Fondation Dassault Systèmes

Aug 2024 – Mar 2025

- Developed **YOLOv11** and **CNN** models in a **Dassault Systèmes-sponsored** project, achieving **97%** accuracy in classifying 50+ e-waste categories
- Optimized an Arduino robotic arm with **Reinforcement Learning** and PLC, automating **80%** of waste handling.
- Integrated **OpenCV**, **TensorFlow**, and path planning, improving sorting efficiency by **90%**.

### Android Developer Intern, Education4ol

Dec 2023 – Feb 2024

- Built a cross-platform app with **React Native** and **NativeBase**, integrating **5+ APIs**, improving performance by 35%.
- Optimized **MongoDB** with **advanced indexing**, reducing load times by **50%** and handling 10,000+ transactions.
- Used **Figma** for design enhancements and fixed 20+ UI/UX issues in code, boosting user satisfaction by **40%**.

## PROJECTS

### AskYourPDF | [GitHub](#)

June 2024 – July 2024

- Developed an **AI-powered Next.js & TypeScript** application for interactive PDF-based Q&A, processing 10,000+ documents/month with **99%** uptime.
- Integrated **LangChain** for efficient **query processing**, reducing response time by **35%** with **90%** accuracy.
- Designed an intuitive UI, improving user retention by **30%** and reducing bounce rates by **20%**.

### ByteBuddy | [GitHub](#) | [Link](#)

Dec 2023 – Feb 2024

- Developed a **React Native** ed-tech app with 30+ tech topics and quizzes, managing **500+ daily users**, alongside a **CMS** for dynamic content updates.
- Optimized **MongoDB** queries, reducing data-fetch latency by **50%**, ensuring a seamless learning experience.
- Crafted interactive quizzes and puzzles, **boosting engagement by 30%** and improving learning.

### ShopSleuth | [GitHub](#) | [Link](#)

Oct 2023 – Nov 2023

- An e-commerce price tracker developed using **Node.js**, **Puppeteer** for web scraping, and **node-cron** for automated alerts.
- Reduced server response time by **60%**, ensuring smooth processing of 1,000+ daily requests.
- Designed a **scalable backend** and responsive **Chakra UI** frontend, boosting performance and engagement by **40%**.

## ACHIEVEMENTS / MINI PROJECTS

- Solved **150+** problems on [LeetCode](#) and achieved a **300+** overall coding score on [GeeksforGeeks](#)
- Attained a **5-Star** Rating in **C++** and **Java** on [HackerRank](#)
- Secured **2nd place** in the PVG COET ACM Web App Development Hackathon. ([Link](#))
- Created and published **2 NPM packages**, each with **100+ downloads**. ([easy-image-compress](#), [node-cachify](#))
- Published two **Chrome extensions**, [TweakIt](#) and [Promptify](#), on the Chrome Web Store.
- Developed and released a **VSCode extension**, [Lumen AI Assistant](#), on the Visual Studio Code Marketplace.

## CERTIFICATIONS

- Accenture Data Analytics and Visualization Simulation Certificate ([Link](#))
- Infosys Springboard Introduction to Data Science Certificate ([Link](#))
- ITSA Tech Team Member ([Link](#))