

Karan Panchal

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Objective: IT graduate with expertise in Java, web development, and cross-platform technologies. Eager to leverage skills in creating innovative solutions and contributing to dynamic development teams.

EDUCATION

Bachelor of Technology, Information Technology, Pillai College of Engineering , CGPA: 8.67/10.00 **Jan 2022 — May 2024**
and Honors in **Web And Mobile Applications**
Diploma in Information Technology, Vidyalankar Polytechnic, Percentage: 96.69% **Sept 2019 — Nov 2021**

EXPERIENCE

Application Developer (Intern) **May 2024 — Nov 2024**
C-BIA Solutions Services LLP Borivali (West)

- Developed cross-platform mobile applications using .NET MAUI, focusing on building intuitive interfaces and connecting them with backend services to ensure full functionality.
- Developed admin frontends with Angular 18 and implemented backend APIs using Next.js 14 with app-based routing.

FullStack MERN Developer (Intern) **Dec 2023 — April 2024**
IIT Bombay IIT Bombay

- Develop web applications using the MERN stack, focusing on dynamic, user-friendly interfaces and collaborating with cross-functional teams to deliver full-stack solutions.
- Build mobile applications using Android Studio, demonstrating versatility across platforms while contributing to software that enhances IIT Bombay's digital experience.

Frontend Developer (Freelancing Intern) **Oct 2023 — Dec 2023**
MakeShift Pvt. Ltd Thane

- Develop visually appealing and responsive websites using HTML, CSS, and JavaScript, with a focus on dynamic animations to enhance user experience.
- Collaborate with developers to share ideas and contribute to the overall development process.

Java Developer (Intern) **June 2023 — July 2023**
CrossAsyst Technologies Pvt Ltd Navi Mumbai

- Experienced Java developer proficient in utilizing Maven for project management and seamlessly connecting applications with MySQL databases. Skilled in crafting Java applications, writing SQL queries, and ensuring effective database connectivity.
- Valuable insights gained through hands-on experience in practical aspects of software development.

PROJECTS

PrepNest, Personal Project | Next.js, OpenAI API, Google Gemini, Firebase, VAPI, Tailwind CSS, Sentry **Apr 2024 — May 2024**
• PrepNest is an AI-driven interview preparation platform built with Next.js 14 that simulates real-time mock interviews tailored to user roles and experience levels.
• Integrated OpenAI and Google Gemini APIs for dynamic question generation, VAPI for voice-based interaction, Firebase for authentication and real-time storage, and Sentry for error monitoring — delivering an interactive, stable, and personalized interview experience with ongoing development of an AI-reviewed coding module.

Heal-X , Diploma Final Year Project | Android Studio, FireBase, Node mcu **Feb 2021 — Oct 2021**
• An IoT-based healthcare monitoring application used for regular health reports and emergency purposes.
• Developed an efficient AI chatbot doctor within the healthcare application, enabling real-time user interaction for health tips, sensor test results, and casual conversations, with response times measured in fractions of a second.

InfoDesk, Btech Final Year Project | React , Redux, MongoDB, Express.js, Tailwind CSS **Sept 2023 — June 2024**
• "Infor Desk" is a student management platform built with React, Redux, MongoDB, and Express.js, featuring a clean Tailwind CSS interface. It allows students to log in, record achievements, view results, access notices, and join committees. Faculty can update attendance, view analytics, and add achievements.
• Admins manage users, subjects, departments, and committees, centralizing student data and administrative functions to promote seamless communication and collaboration across the academic community.

SKILLS

Languages: HTML5, CSS3, JavaScript, SQL, PHP, Java, C++, Python
Database: MySQL, PostgreSQL, MongoDB, Firebase, AppWrite.
Libraries & F/W: React.js, Angular 18, Next.js 14, React Native, Tailwind CSS, Bootstrap, Node.js, Express.js, Sanity, Sentry.
Software & Tools: Android Studio, Git, GitHub, IntelliJ IDEA, Jupyter Notebook, MongoDB Atlas, NetBeans 8.0, Node.js, PyCharm, Visual Studio Code, WebStorm, XAMPP.
Soft Skills: Communication, Problem-Solving, Critical thinking, Creativity.

CERTIFICATIONS & ACHIEVEMENTS

AWS Skill Builder: Developer Learning Plan, July 2023

Coursera: Crash Course on Python, Google, June 2020

Coursera: Responsive Website Basics: Code with HTML, CSS, and JavaScript, University of London, Goldsmiths, University of London, September 2020

Coursera: AI For Everyone, DeepLearning.AI, June 2020

Coursera: Google Cybersecurity Professional Certificate 2024

DECLARATION

I hereby declare that all the information provided above is true to the best of my knowledge.

Signature

Karan Panchal