Mandeep Singh

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TECHNICAL SKILLS

Languages: Java, C/C++, JavaScript, TypeScript, SQL, HTML, CSS/SASS
Technologies & Tools: React.js, Next.js, Node.js, PostgreSQL, MongoDB, Redis, REST API, Git, Tailwind, CI/CD

EXPERIENCE

Junior Software Engineer Trainee   Aug. 2022 – Feb. 2023
Xoriant   *Remote*
- Completed a comprehensive 6-month training program covering full-stack development, resulting in proficiency in frontend technologies (**HTML**, **CSS**, **JavaScript**, **ReactJS**) and backend technologies (**NodeJS**, **MySQL**, **MongoDB**), totalling over 300 hours of coursework
- Developed and deployed 3 full-stack web applications using modern DevOps tools like (**Docker**) and **CI/CD** pipelines (**Jenkins**, **TravisCI**), reducing deployment time by 40% and achieving a 99.9% uptime in cloud environments (**AWS**, **Google Cloud**)
- Collaborated in Agile teams to design and implement scalable software solutions, managing codebase changes across 50+ repositories, refining skills in version control (**Git**, **GitHub**), and solving 200+ coding challenges to enhance problem-solving abilities

Mobile Developer Intern   Dec. 2021 – Jan. 2022
Circuit branch   *Remote*
- Built two user-facing full-stack **Flutter** apps emulating a services-on-demand platform similar to Postmates & UrbanClap. Achieved a rapid 30% increase in user engagement, measured by daily active users and customer feedback
- Leveraged **AGILE** methodology to streamline the transformation of wireframes, designs, and business requirements into operational applications. Cut project timelines by 20%, ensuring prompt delivery

EDUCATION

Chandigarh University   July 2019 – Jan. 2023
Bachelor of Computer Applications   *CGPA: 8.1/10*
Relevant Courses: Web Development (PHP, JavaScript & CSS), Maths and Data Science (Python),
                  OOP (C++), Linux, MySQL & Oracle, Algorithms and Data Structures (C++)

PROJECTS

OnAir.ai 🔗 | *OpenAI, Next.js, TypeScript, Postgres, Drizzle, Tailwind*   July 2023 – Sep. 2023
- Implemented an AI **SaaS** podcast platform using **Next.js** and **TypeScript**, leveraging OpenAI APIs for Generative AI voices that utilize multi-voice AI for text-to-speech conversion and AI-generated thumbnails using text prompts, cutting content production time by 40%
- Designed a responsive user interface with **ShadCN** and **Tailwind CSS**, achieving a seamless user experience across all devices and reducing design and testing iterations by 25%
- Deployed **GitHub Actions CI/CD** pipeline, reducing deployment time by 40% and boosting development efficiency by 25%

BooksBy 🔗 | *JavaScript, React, Redux, Express.js, Stripe, JWT*   March 2023 – June 2023
- Engineered an **e-commerce platform**, achieving a 30% boost in transaction efficiency and a remarkable 20% cut in overall book procurement costs
- Integrated the **Stripe** payment gateway, ensuring secure acquisition of institution-specific books aligned with curriculum and course requirements
- Streamlined the process of obtaining essential academic resources, impacting about **90 million** Indian students annually in more than **3,30,000** private schools and colleges

CuChat 🔗 | *Flutter, Dart, Agora, Firebase*   Jan. 2022 – May 2022
- Optimized a **real-time** chat app with a **WhatsApp**-like UI/UX, yielding 25% improved engagement and 20% latency reduction
- Leveraged **Flutter**, **Firebase**, and **Agora API** for cross-platform functionality, resulting in a 30% improvement in communication efficiency
- Revolutionized communication methods for a diverse community of over **26,000** students and faculty members