KRISHNA M

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SUMMARY

Full Stack Software Developer with practical skills in Java, Python, C++, and JavaScript. Experienced in building web applications and tools using React, Next.js, Node.js, and PostgreSQL. Strong in object-oriented programming, data structures, and automation. Quick to learn, comfortable tackling real-world problems across diverse domains, and always eager to build things that make life easier for users and teams.

EDUCATION

Master of Computer Applications (MCA) - Computer Science   September 2023 – May 2025
University of Madras - Chennai, India.

Bachelor of Science in Physics   August 2020 – May 2023
Loyola College - Chennai, India.

EXPERIENCE

Chief Technical Consultant (Internship)   March 2023 – March 2025
Space Kidz India   *Chennai, India*
- Developed and optimized core E-commerce features in React.js, cut page load time by **25%**, managed **backend** and user authentication with **Firebase** for 1,000+ users, ensured secure access and **80%+** uptime at peak.
- Designed and developed www.ysichallenge.com on Wix for an international student competition, drew 2,500+ participants from 10+ countries in six months.

Chief Technical Consultant (Internship)   January 2023 – March 2023
Sharanya Spots Talent   *Chennai, India*
- Built and deployed an invoice automation tool using **Python** and wkhtmltopdf, reducing manual processing time and cutting workload by over **98%**.
- Developed and launched an online slot booking system using Wix Velo, **increasing user engagement by 70%** within the first quarter and **ensuring 100% slot availability tracking** with **95% booking accuracy**.

PROJECTS

Gasgo UserHub – Microservice API Platform | *Java, Spring Boot, PostgreSQL, Docker* December 2024 – March 2025
- Built a production-ready microservice platform (Spring Boot, PostgreSQL, Docker Compose) with RESTful APIs, Swagger docs, Kafka + Zookeeper for async messaging & clean architecture for scalable, testable deployment.

Veloit AI – No-Code Machine Learning Platform | *Python (Machine Learning), ReactJS* February 2022 – March 2023
- Built a no-code ML platform for business insights using pretrained XGBoost models, delivered real-time APIs, secure payments, and full-stack integration for 50+ clients before LLMs emerged.

DoMS Nexus Webfolio and AI Chatbot | *Next.js, Python*   June 2024 – July 2024
- Built an AI-powered brochure platform for Anna Univ MBA using Next.js and python, integrated chatbot for placement queries, achieved **99%** data accuracy and dynamic frontend–backend sync.

Augmented Reality Product Preview App | *Unity, C#, Gradle*   August 2022 – October 2022
- Developed an Android AR app using Unity Engine to enable real time 3D model product previews via **FTP, Image tracking and object detection** enhancing product visualization and user engagement.

Frugal approach to Non-invasive interpretation of Brainwaves - Machine Learning   March 2021 – March 2022
- Developed a brain-wave interpretation system BCI using EEG electrodes and Python for data classification, aiming to aid mute individuals; funded by Loyola Research Park with Rupees 10,000 in grant.

TECHNICAL SKILLS

Languages: Java, Python, C++, SQL (Postgres)
Frameworks/Libraries: NextJS, ReactJS, Express.js, TailwindCSS, GSAP, Zod, Formik, Prisma, Axios
Developer Tools: Git, Docker, AWS, VS Code, Visual Studio, PyCharm, IntelliJ, Postman, Figma, Vercel
Additional skills: LLMs, REST APIs, MongoDB, JavaScript, TypeScript, Wix Velo