RAJGOPAL HOTA

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PROFILE SUMMARY

Full Stack Developer and Cybersecurity enthusiast with comprehensive expertise in MERN and Spring Boot. Delivered projects that improved development efficiency and user satisfaction. Proven track record in winning competitive hackathon at JP Morgan and contributing to high-impact projects during internship at Barclays. Adept at rapidly integrating emerging technologies to drive innovative solutions.

EXPERIENCE & ACHIEVEMENTS

Barclays, *Tech Intern (Pune, India)*   **June 2024 – July 2024**
- Developed and deployed an automation tool using React.js, Spring Boot, and TypeScript, ensuring legacy Java project compatibility across 3 versions, which led to a 50-70% reduction in developer time spent on resolving deprecated dependencies, APIs, and methods.
- Implemented a dynamic dataset feature enabling real-time compatibility updates, which improved system reliability by 70% and compensated for the lack of official documentation on deprecated Barclays packages.
- Managed project tasks and version control through Bitbucket, and documented the entire process in Confluence for streamlined team collaboration.

JP Morgan, *Hackathon Winner*   **June 2024**
- Led a 7-member team to victory in JP Morgan's Code for Good Hackathon 2024, developing a MERN stack and Flask web app with a microservices architecture for efficiently managing 60-70% of user traffic.
- Focused on admin dashboard/backend programming and integrated machine learning, screen translation, and speech features into a user-centric, clean web design, improving user satisfaction by 85%.

PROJECT EXPERIENCE

KL RPA Website – College's technical club website   **July 2024**
- Developed and deployed the RPA Club's website using the MERN stack with React.js and Tailwind CSS, integrating payment modules, streamlining registrations, and reducing admin workload by 80% with powerful role-based admin/manager dashboard.

Social media app with web sockets   **Nov 2023 - Present**
- Developed a social media app using the MERN stack (with **MySQL** instead of MongoDB), featuring real-time chat via **web sockets**, music playlist creation, and a customizable user page with a clean UI with **React.js** for posts and interactions.

Vaayu Travel – A dynamic tourism app with GPS based recommendations   **August 2023**
- Led a team to develop app built with the MERN stack, featuring GPS-based recommendations, virtual tours, loyalty programs, personalized suggestions, local tips, hotel reviews, user-generated content, sustainable travel options, and carbon offsetting.

Spice Mania – A recipe website made during EPAM course   **March 2024**
- Developed "SPICE MANIA," a MERN stack recipe website more focused on designing frontend with features like recipe management, search, trending section, and responsive design showcasing teamwork and frontend skills.

Vajra Bank and transaction website   **July 2023 – October 2023**
- Built a bank app with **Spring Boot** for Developing APIs and **React.js** featuring role-based user verification, payments to friends, checking balance with MPIN, Email updates, expense tracking, card management, and session management of logged in user.

EDUCATION

- **KL University, Vijayawada**   2021 - Present
  B. Tech in Computer Science and Engineering   **CGPA: 9.81/10**
- **Narayana Junior College, Singapore city**   2019 - 2021
  XII - Mathematics, Physics, Chemistry   **Marks: 950/1000**

TECHNICAL SKILLS

Programming Languages: C, Java, JavaScript, TypeScript, Python
Development Stack: MERN Stack, Spring Boot, Django, Flask, MySQL, MongoDB, Oracle, PostgreSQL
Tools & Interests: Computer Networks, Operating Systems, Git, Bitbucket, Confluence, Cryptography & Security, HTML CSS

PROFESSIONAL DEVELOPMENT

- **Currently learning:** Next JS, Docker, Typescript

POSITIONS OF RESPONSIBILITY

Web developer (KL University CSE Grand Hackathon)   **July 2023**
- Built and maintained the web application for KL University's Hackathon using Django, HTML, and CSS, enhancing web architecture to facilitate 1,600+ students and 150+ faculty, reducing time spent by 80% compared to manual processes like Microsoft forms.

GLOBAL CERTIFICATIONS

- AWS Certified Cloud Practitioner, AWS Developer Associate   **Valid till: July 2027**
- Frontend Developer (React) & Software Engineer by Hacker rank   **Valid till: Lifetime**
- Red Hat Certified Enterprise Application Developer   **Valid till: August 2026**