Swapnil Matkatte

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PROFESSIONAL SUMMARY

I'm a Full Stack Developer with 2.5 years of hands-on experience in building scalable and efficient web applications using the MERN stack. I enjoy solving complex problems and creating clean, user-friendly interfaces that enhance user experience and performance. I've worked on both frontend and backend development, developed and optimized RESTful APIs, implemented secure authentication (JWT, OAuth), and fine-tuned database queries for better performance. I'm comfortable working in cross-platform teams and collaborating with designers, developers, and stakeholders to deliver quality software on time

SKILLS

- **Frontend:** HTML, CSS, JavaScript, React.js, Bootstrap
- **Backend:** Node.js, Express.js, RESTful APIs, Authentication (JWT, OAuth)
- **Databases:** MongoDB, MySQL, Firebase
- **Version Control:** Git, GitHub
- **Programming:** Java, C, DSA
- **Analytics:** Qlik Sense

WORK EXPERIENCE

Full Stack Developer

Virtusky IT Solutions, Pune | Nov 2022 – Present

- Developed and optimized multiple **web applications**, improving system efficiency by **30%**.
- Built **RESTful APIs** and integrated third-party services, improving backend data flow and security.
- Designed and implemented **React.js UI components**, leading to a **15% increase in user engagement**.
- Optimized SQL and NoSQL database queries, **reducing response time by 40%** through indexing and query tuning.
- Collaborated with cross-functional teams using **Agile methodology**, ensuring on-time project delivery.

INTERNSHIP EXPERIENCE

Software Engineering Intern

SmartGrains, Bangalore | Jan 2022 – Jul 2022

- Built and optimized responsive web applications using **React.js**, **HTML/CSS**, and **JavaScript**, enhancing user experience and performance.
- Designed and integrated **RESTful APIs** with **Node.js** and **Express.js**, ensuring seamless data exchange between frontend and backend systems.
- Streamlined data operations by crafting efficient queries in **MongoDB** and **MySQL**, resulting in faster data retrieval and improved backend performance.
- Explored and applied business intelligence concepts by learning Qlik Sense to build interactive dashboards and visualize data trends, complementing Python-based analysis to support informed decision-making.

KEY ACHIEVEMENTS & CONTRIBUTIONS

- **Led the migration** of legacy applications to a modern React.js architecture, significantly boosting scalability and streamlining development processes.
- **Optimized API response times**, resulting in a notable improvement in system performance and faster user interactions.

PROJECTS

Bank Website Optimization & Support *(Client Project)*
- Enhanced performance of banking website by optimizing backend queries and reducing average page load time by **40%** and implemented real-time data validation mechanisms, cutting form submission errors by **30%**, improving customer satisfaction.
- Resolved over **50+ technical issues**, ranging from UI inconsistencies to server-side inefficiencies, improving system uptime.
- Contributed to enhanced website security and responsiveness, leading to a **15% increase** in active user sessions and greater trust in online banking platforms.

Real Estate Website Development *(Client Project)*
- Revamped outdated real estate websites into **modern, responsive platforms** using React.js, HTML, CSS, and JavaScript, improving user engagement by **35%**.
- Integrated interactive features such as search filters, location-based listings, and inquiry forms, resulting in higher lead generation and customer engagement.
- Collaborated with clients to tailor content strategy and SEO, resulting in a **3x boost in organic traffic** within two months of deployment.

Krishi Mitra – Android App
- Developed an intuitive Android application aimed at bridging the gap between farmers and traders to facilitate transparent and efficient crop procurement.
- Integrated **Firebase** for real-time database management, enabling seamless user registration, crop listings, and transaction tracking.
- Optimized app performance by **25%** through strategic use of API call minimization, state management techniques, and clean UI design.

EDUCATION

MVJ College of Engineering, Bangalore (2018-2022)
CGPA: 7.2/10 (Information Science & Engineering, Visvesvaraya Technological University)

GURUNANAK IND PUC, BIDAR (2017-2018)
Percentage: 87% (PUC 2nd Yr, Karnataka PUC Board)

GURUNANAK PUBLIC SCHOOL, BIDAR (2015-2016)
CGPA: 9.6/10 (10th, CBSE Board)

EXTRACURRICULAR ACTIVITIES

- **Hacktoberfest Contributor** – Contributed to open-source projects, improving collaboration and code quality.
- **Agricultural Tech** – Assisted farmers in adopting **Krishi Mitra App**, enhancing market access.

CERTIFICATES

- **Java Programming** – Coding Ninjas
- **C & C++ Programming** – IIT Bombay

LANGUAGES

English | Kannada | Marathi | Hindi