Dinesh Sunny Narsinga
Software Engineer

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PROFESSIONAL SUMMARY

- HackerRank-certified, passionate **Software Engineer** with **3 years of experience** in JavaScript and Java.
- Worked on BestDoc Survey app, using Spring Boot, SQL and AWS to **improve application performance by 23%**
- Immensely confident with extraordinary communication, excellent problem-solving, exceptional leadership skills, and a strong ability to collaborate effectively within a team.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, TypeScript, SQL
Databases: MySQL, PostgreSQL, MongoDB (NoSQL)
Data Visualization Tools: Tableau
Cloud and DevOps: AWS, CI/CD, Git, GitHub, Bitbucket
Frameworks: Spring Boot, Django, Flask, Vue.js, ReactJS, Node.js, Express.js
Methodologies/Concepts: SDLC, Agile, Scrum, Waterfall, Iterative, REST APIs, Microservices Architecture

WORK EXPERIENCE

Software Engineer | **American Initiative Technology Inc.** | St. Petersburg, FL   Jan 2025 - Present
Tech: Django, Python, Bitbucket, Docker, ReactJS, TypeScript, PostgreSQL, SQL
- Integrated the HR-Portal application with SMTP in Django for secure email delivery, reducing manual effort.
- Built onboarding triggers with Django Signals and SQL to automate invites, reminders, and completion updates.
- Streamlined communication efficiency, **leading to a 37% reduction** in manual follow-up by the HR team.
- Partnered with cross-functional teams to define technical specifications and drive successful project delivery.

Software Engineer | **Web Development Club, UCM** | Lee's Summit, MO   Apr 2023 - Apr 2024
Tech: ReactJS, Express.js, Node.js, MongoDB (NoSQL)
- Developed full-stack web application for event management using MERN stack**,** handling 1000+ users.
- Spearheaded frontend UI development by improving overall user experience and interface usability.
- Optimized application performance using caching and lazy loading, **reducing load time by 50%.**

Software Engineer | **BestDoc Technology Private Limited** | Kochi, Kerala, IN   Jul 2021 - Nov 2022
Tech: Vue.js, Java, Spring Boot, SQL, PostgreSQL, AWS, MongoDB (NoSQL)
- Integrated 200+ hospitals, including 30+ from the UAE, into the BestDoc Survey platform with tailored feature configurations to match hospital-specific needs.
- Implemented multilingual support in Vue.js, enhancing user experience and improving patient satisfaction.
- Refactored inefficient SQL queries after analyzing performance bottlenecks, **enhancing backend data operations**
- Designed backend systems, APIs using Java Spring Boot, and CI/CD pipelines to improve scalability.

PROJECTS

AI-Powered Finance Platform | link
Tech: Next.js, TailwindCSS, Gemini AI, Prisma, Shadcn UI
- Designed a highly responsive finance dashboard with Next.js, TailwindCSS, and Shadcn UI.
- Integrated AI-powered receipt scanning and smart categorization for real-time financial tracking and updates.
- Built a secure backend with Next.js API routes & Prisma, enabling real-time transactions & seamless data flow.

DineEasy | link
Tech: HTML5, CSS3, JavaScript, Flask, MongoDB (NoSQL)
- Developed a dynamic, user-friendly ordering interface with HTML5, CSS3, and JavaScript, enhancing the dining experience by reducing friction in the ordering process, ensuring seamless real-time interactions.
- Built a Flask-based backend integrated with MongoDB to handle order processing and personalized food recommendations, **boosting customer satisfaction and average order value by 25%.**

EDUCATION

Master of Computer Science | University of Central Missouri | Lee's Summit, MO   Jan 2023 - Dec 2024
Bachelor of Computer Science and Engineering | NIT Calicut | Kozhikode, Kerala, IN   Aug 2017- May 2021

CERTIFICATION

HackerRank certified in Python, Java   Dec 2020
HackerRank certified in Problem-Solving   Dec 2020