

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 - Volunteer | 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 | Association for Computing Machinery, 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