Harsh Dharmeshkumar Naik

Linkedin: linkedin.com/in/harshnaik7999

Portfolio: harshnaik.com

Email: harshnaiksjsu@gmail.com

Mobile: +1(347)-682-8421

EDUCATION

- **San Jose State University** — CA, USA
  Masters of Science - Computer Software Engineering (GPA: 3.63) — *August 2022 - May 2024*
  Courses: *Enterprise Software Platforms, Enterprise Distributed Systems, Enterprise Application Development, Cloud Computing, Data Mining, Software System Engineering, Wireless Networking*

- **Nirma University** — Ahmedabad, India
  Bachelors of Technology - Information Technology — *July 2017 - June 2021*
  Courses: *Data Structures, Operating Systems, Analysis Of Algorithms, Databases Management System, Machine Learning, Networking*

SKILLS SUMMARY

- **Languages**: JavaScript, TypeScript, C#, Java, Python, SQL, Bash
- **Frameworks**: React, .NET Core, Spring Boot, Node.js, Express, Entity Framework
- **Databases**: MySQL, MongoDB, SQL Server, Cassandra, PostgreSQL
- **Cloud Platforms**: Azure (Functions, Logic Apps, App Service, Power Apps), AWS (EC2, Lambda, S3), GCP)
- **DevOps & Containerization**: Git, Postman, Azure DevOps, Docker, Kubernetes, RabbitMQ, Jenkins

EXPERIENCE

- **ADP** — New Jersey, USA
  Application Developer — *July 2024 - Present*
  - **Building**: operational tools to streamline Onboarding processes, manage intricate data publishing, and optimize deployment pipelines, contributing to more efficient internal operations.
  - **Facilitating**: seamless onboarding of new internal teams and tools, enhancing collaboration and productivity across the organization.
  - **Supporting**: products that provide a connected data view, driving actionable insights for improved decision-making and organizational growth.
  - **Tech Stack**: Node.js, React, PostgreSQL, RabbitMQ

- **ADP** — New Jersey, USA
  Application Developer Intern — *June 2023 - Aug 2023*
  - **Developed**: a team collaboration application used by over 50 teams in the SBS department, with the capability to onboard additional teams from different departments.
  - **Involved in**: all phases of the project lifecycle, from requirements gathering and design to development, unit testing, functional testing, and load testing, ensuring a robust and scalable solution.
  - **Integrated**: the application with JIRA using JIRA API and JQL, enabling real-time tracking of tasks and issue management within the platform.
  - **Tech Stack**: .NET, React, Azure Functions, SQL Server, Stored Procedures, C#, Entity Framework, Web API, Docker, JIRA API, JQL

- **Cognizant Technology Solutions** — Pune, India
  Programmer Analyst (Full-time) — *Dec 2021 - July 2022*
  - **Developed**: a full-stack retention app focused on improving the HR retention process and making it transparent for stakeholders to inform decision-making, utilizing Node.js for backend services and React for the frontend.
  - **Optimized**: MongoDB queries by indexing key fields and restructuring data models, leading to a 40% faster data retrieval time and significantly enhancing application performance.
  - **Integrated**: third-party APIs to expand the app's functionality, providing HR teams with richer insights and actionable data.
  - **Tech Stack**: Node.js, React, MongoDB, Express, Bash, Docker, Git

PROJECTS

- **Calocheck**: ReactJS, NodeJS, AWS, Docker, Kubernetes
  - **Delivered a distributed Calorie Tracker**: Consisting of user profile and calorie-intake React components with a microservice-based backend to serve concurrent user requests.
  - **Streamlined deployment times**: By writing DockerFile for microservices as well as integrating Kubernetes to orchestrate AWS EC2 instances running docker containers.
  - **Ensured TDD practices**: By authoring Unit tests for each microservice as well as mocking the load of 1000 concurrent users with Apache JMeter to monitor response times and auto scaling with Kubernetes.

- **TechSwap**: React.js, Redux, Tailwind CSS, Node.js, Express.js, MongoDB, Redis, RabbitMQ, Azure, NLP APIs, Nodemailer
  - **Frontend Development**: Built a responsive UI using React.js, Redux, and Tailwind CSS, ensuring seamless user experience across devices.
  - **Backend and Database**: Developed a secure backend with Node.js and Express.js, incorporating MongoDB for data persistence and Redis for caching to enhance performance.
  - **Asynchronous Processing and Messaging**: Implemented RabbitMQ for handling asynchronous tasks and message queuing, ensuring efficient processing.
  - **Cloud Infrastructure**: Deployed on Azure, utilizing Azure Blob Storage, Azure Load Balancer, and Azure API Management for scalable and robust infrastructure.