

Deepak Sundar Narayanan

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Education

Master of Science, Software Engineering Systems Expected May 2025
Northeastern University, Boston, MA GPA: 3.56

Course Included: Concepts of Object-Oriented Design, Web Design Engineer, Enterprise Software Design, Program Structures And Algorithms, Network structure and cloud computing

Bachelor of Electrical and Electronics Engineering Sep 2020
St. Joseph's College of Engineering, Chennai, India GPA: 3.2

Technical Skills

Programming Languages: C, Python, Java, JavaScript, TypeScript, C#

Database: SQL, MongoDB, PL/SQL, MySQL

Cloud: AWS, Azure, Docker, EC2, ECS, ECR, CodePipeline, CodeDeploy, CodeBuild, Azure Devops, Kubernetes

Tools: Git, Postman, Jenkins, Ansible, Gitlab, GitHub, GitHub Actions, Swagger, Shell, Linux.

Web Development: React.js, Node.js, HTML, Spring, SASS, Angular, Redux, Bootstrap, Microservices, Express.js

Work Experience

Senior Systems Engineer Jan 2023 – July 2023
Infosys, Chennai, India

- Developed Junit and Mockito test cases, ensuring robust coverage of the new Feature involving UDP and XML
- Developed an innovative feature harnessing the power of UDP protocol for sending XML file and represented as Scrum Master for a team
- Integrated new endpoint to an existing application by using REST services

Systems Engineer Aug 2022 - Dec 2022
Infosys, Stockholm, Sweden

- Utilizing EJB framework to build a new batch processing job which was 40% faster than the existing job
- Worked on altering the access resource in a RESTful architecture
- Resolved a P2 incident by giving both temporary and permanent fix

Systems Engineer May 2021 - July 2022
Infosys, Chennai, India

- Enhanced the application by resolving more than 100 production incidents and 30 production bugs
- Coordinated with DBAs in order to execute the scripts in the production database.

Projects

Nammabnb, Northeastern University Nov 2023 - Dec 2023

- Designed and developed a full-stack application enables the user to list and book the property for both long term and short term
- Boosted security of the payments by integrating Stripe API to the application
- Incorporated opnrstreetmap api for displaying accurate location of the property
- Used cloudinary CDN to efficiently store user images
- Tech Stack used: React, Nodejs, MongoDB, Prisma, HTML, tailwindCSS

Vimaan Airline Management, Northeastern University Nov 2023 - Dec 2023

- Built a java application dedicated to the booking and management of flights.
- Aligning to the project requirements mandating the exclusive use of Java, the frontend was implemented using Java swing
- Incorporating all Java essentials- multi-threading, collection framework, Stream APIs and file handling in the backend for robust integration.

Capstone project, Infosys Oct 2021 - Nov 2023

- Built a UI of a payment page for an existing application by using Angular, Typescript, HTML and CSS
- Utilized Java and SpringBoot to construct the back end of the payment page, ensuring seamless integration

Portfolio Website, personal Jan 2024 - Jan 2024

- Designed and developed a personal website from the tech stack learned coursework Web design and User Experience
- Used Api to fetch the data from the json for retrieving the work experience and the project information instead of hard coding
- Tools used: React, Swagger, Node.js, Postman, HTML, CSS, SCSS

Certification

SAFe for DevOps(Jan 2023), Infosys Certified Spring REST Developer(April 2023), SAFe5 Practitioner – Agile(Mar 2023)