

Abhishek Srinivas Sunkara

📍 United States

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EDUCATION

The University of Alabama in Huntsville
Master's Computer science

May 2024

GPA: **4.0/4.0**

Vardhaman College of Engineering
Bachelor's Computer Science

September 2020

GPA: **8.45/10.0**

SKILLS

Languages: Java, C, Python, JavaScript, HTML/CSS, SQL.

Web Technologies and Frameworks: React, Redux, jQuery, Spring Boot, Spring MVC, Spring Data JPA, Spring JDBC, Node.js, KnockoutJS, SammyJS, PHP, MySQL, RESTful web services, Git/GitHub, SVN, JIRA, Android Studio, VS Code.

Cloud and DevOps: AWS (ECS, RDS, EKS, Cognito, Lambda, Serverless, CI/CD, API Gateway, DynamoDB)

WORK EXPERIENCE

Full Stack Engineer

November 2024

Saayam for All

- Building microservices for Volunteer, Request and Data Analytics features using Spring Boot, Kafka, and AWS EKS, along with developing responsive React components for Saayam's web app with API integrations in Java and Python.
- Leveraging AWS services (Cognito, API Gateway, Lambda, MSK, EKS) and database solutions (Postgres, Aurora) to create scalable, high-performance architectures.

Graduate Assistant

August 2022 - January 2024

The University of Alabama in Huntsville

- Instructed 80+ students in Logisim, Quartus, FPGA, DE10 Lite, ARM with Raspbian OS; co-managed grading, collaborated with faculty, and upheld exam integrity in Computer Architecture and Network Security.
- Aided the professor in developing an in-house coding platform, working on the front end with React and MaterialUI and handling backend tasks using Node.js, Python, Docker, and MySQL. The platform supports automated grading, plagiarism detection, and real-time feedback for student coding submissions.

Software Engineer

November 2020 - July 2022

Tata Consultancy Services, India

- Spearheaded UI development for ICICI Bank's iMobile Pay, improving functionality and user satisfaction.
- Leveraged libraries like KnockoutJS (MVVM), for dynamic data binding and jQuery for DOM manipulation and event handling, along with IBM MobileFirst's WLResourceRequest for efficient client-server data transfer.
- Utilized SammyJS for routing capabilities and implemented Google Analytics tracking for page views and custom events.
- Developed backend services using Java, Spring, and RESTful APIs, collaborating with business and testing teams for swift issue resolution and performance improvements in an Agile environment. Enhanced application performance by 20% through targeted debugging, algorithmic coding, and thorough internal testing.

PROJECTS

AnimeFlix | *React, Redux, PostgreSQL, Tailwind CSS, Java, Spring Boot, JSON Web Tokens (JWT)*

- Developed a dynamic React and Tailwind CSS-based platform for an anime blog that features detailed anime information, news, and updates, utilizing a Java and Spring Boot backend, utilizing PostgreSQL, and integrated JSON Web Tokens (JWT) for secure authentication & authorization.
- Designed and optimized SQL queries for efficient data retrieval and implemented Spring Data JPA for seamless CRUD operations, ensuring smooth performance and real-time updates with Redux.

Contact Manager | *Spring Boot, Spring MVC, Spring Data JPA, MySQL, REST API, Postman, React, Git*

- Developed a contact management application using Spring Boot and Spring Data JPA, enabling CRUD operations with a MySQL database. Implemented RESTful APIs for efficient data communication and operations management, managing builds and dependencies through Maven.
- Created a user-friendly interface with React, ensuring seamless user interaction, and conducted extensive API testing with Postman to ensure robustness and reliability.

CERTIFICATIONS

- [AWS Certified Developer - Associate](#)
- [AWS Knowledge: Cloud Essentials](#)