

JAGADEEP AVULA

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EDUCATION

Masters in Engineering Computer Science, Oregon State University (Corvallis,Oregon) Sept 2021- March 2023
Relevant Coursework: Database Management System, Software Engineering, Data Structures and Algorithms, and Operating System.

Bachelors of science Computer Science, Rajalakshmi Engineering College (Chennai,India) August 2015 - May 2019

TECHNICAL SKILLS

Programming and Development Languages	Java, Python, JavaScript
Web Technologies and Design Tools	HTML, CSS, React.js, PHP, Figma, Adobe Photoshop, Adobe Illustrator
Database Management	MySQL, PostgreSQL
Development Frameworks and Tools	JDBC, Servlets, Hibernate, Spring, Spring Boot, Git, JSON, Linux, Maven
Methodologies and Collaboration Tools	Agile Methodologies, Jira, Confluence

EXPERIENCE

Full Stack Developer Aug 2023 - Dec 2023
Amerifab International Inc *North Carolina, USA*

- Designed and architected the application, focusing on scalability.
- Utilized Python scripts for data extraction from MyWay and integrated AWS services like SQS to trigger Lambda functions for seamless data flow into S3 and Postgres DB.
- Implemented robust error handling with SQS DLQ for failovers and alerts.
- Developed a REST API with FAST API, used React framework for frontend development, and leveraged AWS services for hosting and management.

IT Specialist Jun 2022 - March 2023
Recreational Sports Center, Oregon State University *Corvallis, USA*

- Successfully managing hybrid Mac/Windows IT systems, serving a workforce of over 200 employees
- Continuously learn new tools and systems, gaining in-depth knowledge to assist users and manage permissions effectively
- Proficiently store and manage vast amounts of data, utilizing SQL queries to extract information and solve complex problems

Software Engineer Intern April 2020 - March 2021
Skela Technologies *Chennai, India*

- Developed Java-based RESTful APIs, leveraging HTML, CSS, and JavaScript for responsive web applications.
- Designed and optimized SQL database schemas in PostgreSQL, ensuring efficient data access and retrieval
- Seamlessly integrated AWS services, including Amazon S3 for scalable storage and EC2 for hosting applications, enhancing system architecture and scalability
- Employed a comprehensive Java stack, utilizing Maven for project management, JDBC for database connectivity, Servlets for HTTP request handling, and Hibernate for efficient object-relational mapping (ORM). Additionally, leveraged the Spring framework and Spring Boot for scalable and streamlined enterprise application development

Front End Developer Dec 2018 - Mar 2020
Slarity *Chennai, India*

- Designed and developed logos, online advertisements, and interactive social media posts, meeting the high standards and requirements of the company using Adobe Creative Cloud.
- Produced various website icons and collaborated with colleagues on front-end development and implementation of other collateral using Figma.
- Contributed to web development projects as a key member of the development team, leveraging expertise in HTML, CSS, and Javascript, while implementing rigorous test cases to validate software quality and functionality.

PROJECTS AND CERTIFICATIONS

SONY MUSIC INDIA. Collaborated with Sony Music India on a music video project, where I contributed by creating a noteworthy illustration that played a significant role in enhancing the video's visual appeal.

SurvivalKit. User Interface (UI) Development for [Survival Kit](#) Application Contributed to a project aimed at assisting homeless individuals in accessing essential resources, including shelter, food, and clothing, through the innovative "Survival Kit" application.

Defaced Artistry. Founded a thriving Instagram business, offering apparel customization services. Demonstrated artistic expertise by designing unique hand-painted artwork on apparel. Managed orders, logistics, and finances effectively. [Instagram](#)

AWS Certified Solutions Architect Amazon Web Services, Feb 2024