

THEJASWI GADHIRAJU

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OBJECTIVE

Experienced Software Developer with 6+ years of expertise in designing scalable, efficient systems and solving complex problems. Passionate about optimizing performance, improving software quality, and driving innovation. Committed to applying every learning into practice for continuous growth and project improvement.

SKILLS

Programming Languages:	Java, JavaScript, C/C++, HTML, CSS,
Frameworks:	Spring, Spring Boot, Angular, ReactJS, Node.js, RESTful API, Hadoop, Hdfs, Hive.
Databases:	MySQL, Oracle DB, Cassandra, MongoDB
Tools:	Eclipse, IntelliJ, Visual Studio, GitHub, Tortoise SVN.
Methodologies:	Object Oriented Programming, MVC Pattern, Entity Relationship Diagram
Testing:	TestNG, Selenium, Cucumber, Karate CI/CD.
Cloud:	AWS, Microsoft Azure
Key strengths:	Strong Communication Skills, Leadership, Team player attitude, Public Speaker.

PROFESSIONAL EXPERIENCE

Software Engineer - APPLE , Austin, TX

Dec 2020 - Till Present

Collaborated across three teams: Ads Platform, Notification Services, and IDMS.

Ads Platform (Advertisement Platform : 2020 -2022)

- Contributed to Apple's Ads Platform Team, ensuring optimal ad placements, monitoring performance, and displaying relevant ads to diverse users by maintaining high-quality ads to enhance user engagement, increase ad revenue, and maximize ad visibility.
- Developed a backend application using **Spring Framework** and **REST APIs** to manage and generate ad campaign data, optimizing processing workflows and reducing processing time by **20%**.
- Secured RESTful APIs with **OAuth2** and **JWT**, ensuring data integrity and role-based access control.
- Designed and implemented **reusable libraries** for logging, data validation, and error handling, reducing development time by **18%**.
- Utilized **AWS** services such as **EC2** for hosting microservices, **S3** for secure storage, **RDS** for database management, and CloudWatch for monitoring application performance and ensuring scalability, seamless integration between front-end React components and back-end RESTful APIs.
- Maintained up to 90% code coverage for new features through unit tests and integration tests using Cucumber and Junit, ensuring 100% on-time defect closure.
- Managed **task tracking and project progress** using **JIRA**, ensuring timely project delivery, improving collaboration, and reducing delays by 15%, in line with **Agile SDLC methodologies**.

Notification Services: (2022 – 2024)

- Developed Notification Services to send real-time UI alerts and emails for fraud detection and marketing campaigns. Ensured timely and reliable notifications using **Kafka** and integrated with **AWS SES & SNS** for scalable email delivery.
- Migrated **on-premises data clusters** to **AWS**, optimizing performance and scalability.
- Set up a **continuous delivery pipeline** to streamline deployments and testing processes using **Jenkins, Maven, Docker, Kubernetes, and GitHub**.
- Optimized **SQL** and **NOSQL** database queries, reducing load times and enhancing user experience by 10%.
- Possess strong hands-on experience with **Hadoop technologies (HDFS, Hive, and Spark)** to develop a tool that efficiently loads and validates millions of data records in seconds.

IDMS (Identity Management services: 2024 – 2025)

- Designed, implemented, and maintained Identity Management Services** to securely store and manage internal personnel data, leveraging **Directory Services** for user authentication, authorization, and access control.
- Integrated data management systems to support seamless **Single Sign-On (SSO)** authentication, reducing friction and improving user experience across various internal applications.
- Actively contributed to the development of **automated provisioning** and **de-provisioning workflows** for internal employees, streamlining user lifecycle management.

Full Stack Developer - Volkswagen Group of America, Auburn Hills, MI

Sept 2020 – Dec 2020

Maintained and optimized the Volkswagen dealer application, ensuring a seamless user experience and improved application performance.

- Built a **responsive ReactJS interface** for the client-facing platform, improving user experience and engagement, resulting in a **20% increase** in user interactions.
- Design and develop visually appealing, responsive, and interactive user interfaces using **HTML, CSS, JavaScript, React.JS & AngularJS**.
- Implemented **lazy loading** and **code splitting** to reduce initial bundle size, enhancing application speed.
- Responsive Design:** Ensure applications are optimized for various devices and screen sizes.
- Performance Optimization:** Optimize front-end code for faster loading times and smoother interactions.
- Cross-Browser Compatibility:** Test and troubleshoot across different browsers to ensure consistent user experiences.

- **Seamless Data Flow:** Ensure smooth interaction between front-end and back-end systems.
- **API Integration:** Integrate third-party services and APIs as needed for additional functionality.

Software Engineer - YKS IT Services

Jan 2018 – Dec 2018

Designed and developed web applications & systems by writing the server side/ backend code. Implemented new functionalities for shopping sites like Snapdeal & Lime Road. Performed unit testing, mentored other team members, conducted code review and practiced scrum.

- Collaborated with product managers and business analysts to understand the requirements for new features and functionalities on e-commerce platforms of Snapdeal and Lime Road.
- Developed and implemented features such as user authentication, payment gateways, product catalogs, shopping cart management, and order processing using technologies such as **Angular, Node.js, MySQL, JavaScript and HTML**.
- Ensured that new functionalities performed well under high user traffic and **handled large volumes of transactions without degrading the user experience by 18%**.
- Support and maintenance of existing projects (Review bugs and problems as assigned).
- Provided ongoing support and maintenance for deployed systems, ensuring that they remain secure, up-to-date, and aligned with evolving business needs.
- Implemented security best practices, such as encryption, input validation, and secure authentication methods to protect user data and prevent unauthorized access.

Software Developer Intern - SINT. Advanced Systems Laboratory, DRDO, Hyderabad, June 2017.

- Worked on "**SERVO CONTROLLER FOR ELECTRO-MECHANICAL ACTIVATORS**". Debugged **circuit** using bench equipment and performed signal processing in MATLAB using frequency separation techniques.
- Learned the design of **sensors, actuators, maintenance & troubleshooting, and other electromechanical devices**.

Software Intern - Smart Bridge - Hyderabad, India

Worked on **AUTOMATIC TOLL GATE AND ACCIDENT RESPONSE SYSTEM**, an **IOT** technology-based project which automatic toll collection at toll booth and reports the accidents within the tenth of mile by using Java **script, C++ and React**.

EDUCATION

University of Dayton, Ohio

Masters in computer science
Graduation: 2020 | GPA: 3.6

Sree Nidhi Institute of Science and Technology| JNTU, India

Bachelor's in Technology (Computer Science)
Graduation: 2018 | GPA: 3.47

Modules Covered: Advanced Programming and Data Structures, Software Project Management System, Database Management Systems, AI (Artificial Intelligence), Algorithm design, Advanced Computer Vision, Software Engineering, Creating Mobile Apps.

Academic Projects:

AI-Based Disease Prediction System using Java : (Java, Deeplearning4j (DL4J), Decision Trees, Sql, NoSql and MongoDB)

Developed an AI-based disease prediction system using machine learning algorithms to predict the likelihood of diseases based on a patient's symptoms and medical history. This system assists doctors in making quick and accurate diagnoses, improving patient outcomes.

Online Learning Management System (LMS): (Java, Spring Boot for backend, JavaFX or JSP for frontend)

Create an Online Learning Management System (LMS) that allows students to access learning materials, submit assignments, and track their progress. Teachers can upload course content, grade assignments, and manage class activities.

Community Activities : Graduate Teaching Assistant

Marketing Head for Street Cause and Bachpan Bachao (To create a child friendly society where all children are free from exploitation and receive a free and quality education).