

Pavan Kalyan Duppati

+1 (623)284-7607 | pavankalyanduppati@gmail.com

EDUCATION

Master of Science - Computer Engineering

Arizona State University, Tempe, AZ

Bachelor of Technology - Electronics & Communication Engineering

Maulana Azad National Institute of Technology, Bhopal, India

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, C, C++, SQL.

Web Technologies: HTML, CSS, SpringBoot, Spring MVC, Spring Web Flow, Node.js, React.js, Spring IOC, Maven, Jenkins, JSON, Redux, Docker, Kubernetes, REST APIs, Bootstrap, XML.

Frameworks & Tools: React.js, Docker, Jenkins, Spinnaker, Visual studio code, GIT, JIRA

Database & Cloud: MySQL, MongoDB, AWS, PostgreSQL, Google cloud.

Miscellaneous: Data Structures & Algorithms, OOPS, DevOps, Agile.

PROFESSIONAL EXPERIENCE

Software Developer, OneDrug ASU EPICS, Phoenix, USA

June 2024 - Present

- Implemented APIs to integrate data and functionality into the website. Collaborated with the data analytics team to develop a front-end gauge capturing every customer interaction.
- Developed efficient web applications using React.js and SpringBoot improving operational efficiency.

Software Engineer, Capgemini, India

August 2019 – August 2022

- Developed highly efficient, responsive search interfaces and custom components for the web application using ReactJS, JavaScript and Redux resulting in a decrease in search query response time and improved user experience.
- Developed scalable applications in a dynamic environment, primarily using Java, Spring web services and object/relationship mapping tools.
- Spearheaded the end-to-end product development from requirement gathering to successful deployment for features used by 25 million customers, resulting in a 30% increase in user engagement and boost in customer satisfaction rates.
- Applied Redux to build a central store for state management, which enables different components to access different actions and states.
- Enforced and monitored end to end process by using Cucumber automation testing infrastructure, debugging, fixing production issues, and deployments using the spinnaker pipeline.
- Implemented and maintained front-end web applications, resulting 30% reduction in loading speeds and conversion rates by utilizing React.js.
- Translated UI/UX figma design mockups into visually appealing interfaces, focusing on optimizing performance and responsiveness for seamless user experience.
- Maintained Clear communication across cross-functional teams and continuously upgraded skills through learning initiatives and knowledge sharing sessions.
- Used Node.js to structure JavaScript code to build Restful webservices and endpoints.
- Handled the role of scrum master for a quarter, administered and organized Agile processes including Sprint planning, daily scrum calls, sprint reviews and retrospectives and improved the processing gaps across teams.

Software Engineer, Emsys Electronics, India

September 2018 - July 2019

- Developed a Critical Java application by integrating REST API's, stored procedure calls and microservice architecture, resulting a boost in system efficiency and reducing processing time.
- Implemented a secure credit card payment feature using the CardPointe Gateway API with Spring-based Restful services, enabling 5000+ monthly transactions ensuring security and reliability.
- Implemented smart contracts, frontend end interface using React.js and user authentication, facilitating seamless interaction and real-time result display.

PROJECTS

Image Recognition as a Service using AWS

- Designed and created a scalable cloud application providing Image Recognition as a service, leveraging AWS cloud IaaS resources.
- Employed AWS EC2 to deploy an image classification model, utilized AWS S3 for data storage and AWS SQS for automated scaling.

Emotion Based Music Player.

- Built a music player with necessary features such as play, pause, skip, reshuffle using React.js, Java that plays songs on the basis of mood of the user and significantly enhances it by 60%.

LEADERSHIP & ACHIEVEMENTS

- Managed a team of 4 people during project development, guiding them in handling delivery objects and achieving successful delivery. Received **Project Star** award for my contribution at Capgemini.

