

# Pavan Sai R

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## WORK EXPERIENCE

### University Of Dayton

Dayton, Ohio

#### Software Engineer

Oct 2022 – Present

- Spearheaded analytics dashboard development with Angular 15 and PrimeNG, increasing user engagement by 40%.  
*Angular 15 • PrimeNG • AWS.*
- Modernized legacy systems to microservices architecture, improving scalability and reliability.  
*Java • Angular • Docker • Kubernetes.*
- Integrated cloud storage solutions into existing applications, enhancing data management and application scalability.  
*AWS S3 • Lambda • EC2 • RDS*
- Authored comprehensive technical documentation for software solutions, facilitating easier maintenance and scaling.  
*Markdown • Confluence.*
- Actively participated in Agile development processes, including sprint planning, stand-ups, and retrospectives, employing tools like JIRA for project management.

### Void Main Technologies

Hyderabad, India

#### Software Engineer

May 2020 – Aug 2022

- Developed a CMS using Laravel and React Native, boosting admin efficiency by 70%.  
*Laravel • React Native • RESTful APIs.*
- Reduced software bug and incident resolution times by 40% using JIRA and Bugzilla.  
*JIRA • Bugzilla.*
- Implemented Docker and Kubernetes to achieve 100% system uptime and improve API response times by 60%.  
*Docker • Kubernetes • MySQL • MongoDB.*
- Led cloud migration to GCP, enhancing scalability and disaster recovery.  
*GCP • Compute Engine • Cloud SQL.*
- Automated the build, test, and deployment processes with GitHub Actions, decreasing deployment time by 25%.  
*GitHub Actions • CI/CD • Jenkins*

### Startup Entrepreneur | Branded Store

Feb 2018 – Jan 2020

- Founded and managed a successful e-commerce venture during undergraduate studies, achieving revenue of \$72,000 within two years.
- Spearheaded all aspects of business operations including strategic planning, product sourcing, marketing, and customer relations.
- Implemented innovative marketing strategies resulting in rapid growth and brand recognition within the target market.

## EDUCATION

### Master of Computer Science

University of Dayton, Dayton, Ohio | Expected Graduation: May 2024 | GPA: 3.55

### Technical Skills

**Languages:** Java, Python, C#, JavaScript, PHP • **Web Development:** Angular, React • **Backend:** Spring Boot, Node.js

**Cloud:** AWS, Azure, GCP • **DevOps:** Docker, Kubernetes, Jenkins, GitHub Actions • **Databases:** MySQL, MongoDB, SQL Server

### Academic Projects

- Health Monitoring Mobile Application:** Engineered a mobile app that tracked health metrics, including heart rate, activity levels, and symptom logging, fostering proactive health management for over 10,000 users, resulting in a 25% increase in adherence to recommended health guidelines.
- AI-Powered Chatbot for Customer Support:** Developed an AI-driven chatbot employing NLP and ML techniques, reducing customer query resolution time by 40% and enhancing customer satisfaction ratings by 30% through personalized and efficient support interactions for a user base of 50,00 customers.