

Shanmukh Chowdary Morampudi

Portfolio: shanmukhchowdary147.github.io | linkedin.com/in/shanmukhchowdary147 | github.com/shanmukhchowdary147
shanmukh.morampu@ufl.edu | +1(352)871-5871

EDUCATION

Master of Science, Computer Science

Dec 2024

University of Florida, Gainesville, FL

- **Relevant coursework:** Advanced Data Structures, Analysis of Algorithms, Software Engineering, Human Computer Interaction, Distributed Operating Systems, Computer Networks, Computer Information security.

TECHNICAL SKILLS

Languages	:	C++, JavaScript, TypeScript, C#, Python, HTML5, CSS3
Frameworks/Technologies	:	Angular.js, React.js, Redux, .NET, Node.js, Express.js, Restful APIs
Databases	:	SQL (MySQL, MSSQL), NoSQL (MongoDB)
Cloud Services/DevOps	:	AWS, Microsoft Azure, Docker, Kubernetes, Git.

WORK EXPERIENCE

Software Developer Intern

Aug 2024 – Present

Superstars, Inc. | *Angular, SCSS, TypeScript, Agile*

Remote, United States

- Improved app scalability and reduced code redundancy by 34% through the development of reusable Angular components leveraging content projection, enhancing code maintainability and enabling more efficient development.
- Developing responsive web pages with Angular, SCSS, and TypeScript, enhancing the company's main application.
- Improving user interfaces by collaborating with the UI/UX team to enhance design quality and user experience.
- Actively participating in Agile development, attending sprint meetings, implementing tasks, and ensuring timely project progress.

Associate Software Engineer

Jul 2022 – Dec 2022

Osmosys Software Solutions | *.NET, C#, ORMs, MSSQL, HTML5, CSS3, JS, Azure Data Factory, ETL*

Hyderabad, India

- Developed scalable APIs in .NET C#, utilizing a layered architecture to incorporate business logic and data access, delivering efficient and maintainable solutions for a complex project.
- Developed responsive web applications using HTML5, CSS3, and JavaScript, ensuring seamless cross-platform functionality, and optimized page load times by 20% through CSS minification and asynchronous JavaScript loading.
- Enhanced system performance through optimizing MSSQL data retrieval and manipulation using Stored Procedures.
- Architected an automated ETL process using Azure Data Factory and Azure Functions, orchestrating seamless ingestion and decryption of PGP-encrypted files from SFTP to Azure Blob Storage, resulting in 30% faster CSV data loading into SQL.

Quality Engineer

Mar 2022 – Jul 2022

3Pillar Global India (Internship) | *HTML, CSS, JavaScript*

Remote, India

- Completed internship focused on HTML, CSS, and JavaScript, developing responsive web components and implementing interactive UI features while adhering to modern web development best practices and cross-browser compatibility standards.

PROJECTS

GatorHive | *React.js, CSS, Node.js, AWS RDS, MySQL, AWS S3, Azure Virtual Machine, Git* | [GitHub](#)

May 2023

- Led the team of 4 for the creation of a web application that streamlines events discovery for University of Florida students.
- Created engaging user interfaces using React.js and CSS, delivering a seamless user experience.
- Developed the backend using TypeScript and Node.js, integrating with MySQL and AWS S3 for efficient data and image storage.
- Orchestrated successful deployment of the software on AWS EC2 infrastructure using PM2, optimizing uptime and availability.

Travel Chronicles | *React.js, CSS, Express.js, Node.js, MongoDB* | [GitHub](#)

May 2024

- Built a full stack travel journal app with the MERN stack, featuring an intuitive and responsive UI using React.js and CSS.
- Developed REST APIs using Express.js, integrating with MongoDB for efficient frontend-backend data exchange.
- Implemented JWT-based authorization stored in HTTP-only cookies to effectively mitigate XSS and CSRF attacks.

KubeDeploy | *AWS EKS, Docker, Ingress, Load Balancer, Helm*

Mar 2024

- Deployed a scalable three-tier architecture on Amazon EKS using Kubernetes, Helm, and Docker to containerize microservices.
- Configured AWS Load Balancer and Kubernetes Ingress for traffic routing, with Amazon ECR for image management.

CERTIFICATIONS

- **AWS Certified** Solutions Architect Professional ([SAP-C01](#)), AWS Partner: Technical Accredited.
- **Microsoft Azure** Administrator Associate (AZ-104), Data Fundamentals (DP-900), **HackerRank** Problem Solving Certificate.

ACHIEVEMENTS

- **"For Her" Project:** Recognized as one of the best projects of the semester and shortlisted for the Industrial Project Expo.
- Awarded the **Bennett Dean's List Scholarship** as one of 11 recipients from over 500 students for outstanding academics.