# Saideep Kondur

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## EDUCATION

**Clemson University** — Clemson, South Carolina
*Master of Science in Computer Science* — *Aug. 2022 – May 2024*

**Mumbai University** — Mumbai, India
*Bachelors in Electronics and Telecommunication Engineering* — *Aug. 2018 – May 2022*

## TECHNICAL SKILLS

**Languages**: Python, Java, C/C++, C#, Go, SQL, JavaScript, HTML/CSS
**Frameworks**: ReactJS, NodeJs, ExpressJs, WordPress, Rest API
**Developer Tools**: Git, Github, Docker, Jenkins, VSCode, Postman, Maven, TestNG, JMeter, Selenium
**Certifications**: AWS Certified Cloud Practitioner - Amazon Web Services

## EXPERIENCE

**Software Engineer** — May 2024 – Present
*Clemson University* — *Clemson, South Carolina*
- Led the design and development of multiple department applications with **75,000+** annual users, improving UX and navigation to extend user sessions.
- Engineered a user insights dashboard with Google Analytics and GCP Looker Studio, visualizing daily interaction patterns used by the board for strategic decisions; **reported directly to the Information Director.**
- Conducted Quality Assurance with DubBot to fix broken links and content errors, boosting site health by **19%**.
- Angular, ReactJS, Redux, NodeJS, MySQL, Google Analytics, GCP, AWS EC2, S3, Cascade CMS, Git

**Web Developer Intern** — Jan 2023 – April 2024
*Clemson University* — *Clemson, South Carolina*
- Supported development of the high-visibility 'Ways to Give' donation page, leading to **$2M+** in donations from over **4,000** donors within 24 hours.
- Refactored and maintained PostgreSQL databases; restructured user roles to support a department-wide site split with zero downtime.
- Automated CI/CD pipelines with GitHub Actions and Docker, reducing deployment time by **60%** and minimizing manual errors.
- PostgreSQL, Docker, Jenkins, Linux, Windows, Bash ,PowerShell, Terraform, GitHub Actions, JavaScript, CSS, ReactJS, Redux, NodeJS, WordPress

**Data Analyst Intern** — May 2021 – Dec 2021
*Verzeo Tech* — *Mumbai, India*
- Developed Python flows to load **1M+** records into Snowflake daily, optimizing performance with T-SQL, resulting in 30% faster query execution.
- Designed dashboards in Power BI and SQL Server Reporting Services to track performance and data quality.
- Built and scheduled robust ETL pipelines using Prefect, ensuring consistent and reliable data orchestration.
- Leveraged Azure Container Services for scalable, containerized storage solutions within workflow processes.
- Python, Prefect, T-SQL, Snowflake, Power BI, SSRS, Azure

## ACADEMIC PROJECTS

**E-Commerce Website** | *React, Redux, Oracle, Stripe API, MongoDB, Strapi CMS* — May 2024 – July 2024
- Built a full-stack e-commerce platform with secure Stripe payments and dynamic admin-user workflows.
- Enhanced user experience with category filters, quick checkout, and responsive product galleries.

**Social Media Website** | *Node, Express, JWT, React, Redux, Cloudinary, MongoDB* — Jan 2024 – April 2024
- Developed an interactive social network with real-time features like likes, follows, and profile search.
- Secured user access with JWT and structured backend with Model-View-Controller architecture.

**Speed Detection** | *Python, Data Vizualization, YOLO, OpenCV* — Sept 2021 – May 2022
- Used YOLO and image processing to detect and track speeding vehicles, calculating speed via Euclidean Distance.
- Automated data storage and visualization, storing vehicle speeds and displaying dynamic charts post-processing.