

# Shashank Kumar Aakaram

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## Education

### The University of North Carolina at Charlotte

Master's in Information Technology (GPA: 4.00 / 4.00)

Dec 2024

Charlotte, North Carolina

### Anurag Group of Institutions

B.Tech in Electronics and Communication Engineering (GPA: 3.25 / 4.00)

Aug 2021

Hyderabad, India

## Experience

### Spring Soft Solutions

Aug 2021 – April 2023

Application Development Associate

Hyderabad, India

- Developed and deployed scalable microservices and APIs using Spring Boot, supporting over 200+ end-users across multiple departments and ensuring seamless system integration.
- Led deployment activities for 10+ application releases, ensuring zero downtime and full compliance with strict Service Level Agreements (SLAs).
- Monitored and ensured 99.9% data accuracy in SAP HANA databases, safeguarding business-critical information and supporting decision-making processes.
- Designed and executed performance benchmarking strategies, reducing API response time by 20% through query optimization and caching mechanisms.

### Accenture

Jan 2021 – Aug 2021

Software Engineer Intern

Hyderabad, India

- Assisted in developing and testing web applications using Java, Spring Boot, and SQL, contributing to the delivery of robust backend systems.
- Debugged and resolved recurring errors in critical application functions, improving system uptime from 85% to 95%, and enhancing overall user satisfaction.
- Integrated third-party APIs and external services, ensuring seamless data exchange and enhanced user functionality across multiple platforms.
- Collaborated with DevOps teams to enhance CI/CD pipelines, automating builds and deployments, resulting in faster time-to-market for new features.

## Projects

### Food Delivery Website | React.js, JavaScript, SQL, Tailwind CSS, RESTful APIs

- Designed a feature-rich web application utilizing React.js, RESTful APIs, Bootstrap, and Tailwind CSS to enable menu browsing, cart management, payment processing, and order tracking functionalities.
- Enhanced scalability and performance by implementing a modular architecture, achieving seamless user interaction across devices.

### Online Bidding Website | ASP.NET, C#, JavaScript, HTML, CSS

- Developed a bidding platform using ASP.NET, JavaScript, and HTML/CSS with advanced features like delayed price disclosure and sponsor-specific registration.
- Strengthened functionality by integrating robust admin controls, resulting in a 35% improvement in auction success rates.

### UNCC University Website Clone | JavaScript, EJS, Node.js, Express.js, MongoDB, HTML, CSS

- Built a university website clone using Node.js, Express.js, and EJS to enable student login, course registration, and activity tracking functionalities.
- Integrated MongoDB for secure data management, utilized express-session for user authentication, and enhanced performance with express-rate-limit and connect-mongo.

### Habit Tracker | JavaScript, Flask, React.js, PostgreSQL, Pytest, HTML, CSS

- Developed a habit-tracking application with secure session-based authentication, enabling users to create, track, and manage daily routines with automated reminders.
- Designed RESTful APIs and optimized PostgreSQL interactions, ensuring efficient data storage, retrieval, and seamless user experience across multiple sessions.

## Technical Skills

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<b>Programming Languages:</b>	C, C#, Java, Python, HTML, CSS, JavaScript
<b>Databases:</b>	SQL, MySQL, MongoDB, SAP HANA
<b>Frameworks &amp; Libraries:</b>	React.js, Node.js, Express.js, Spring Boot
<b>Tools &amp; Technologies:</b>	Git, GitHub, SVN, Matlab, Postman, Jupyter Notebook, Word, Excel, PowerPoint

## Certifications

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• Full Stack Developer Professional Certificate	Microsoft
• Associate Developer Certification	AWS
• Virtual Internship - Advanced Software Engineering Job Simulation	Forage & Walmart