

EDUCATION

Friedrich Alexander Universität Master of Science in International Information Systems GPA: 3	Erlangen-Nürnberg, Germany October 2024 – Present
Sri Sivasubramaniya Nadar College of Engineering Bachelor of Technology in Information Technology GPA: 2.8	Chennai, India August 2017 – April 2021

SKILLS SUMMARY

- **Computer Languages:** TypeScript, JavaScript, Python, C
- **Frontend Tools:** React.js, Next.js, Angular, HTML, SCSS, Bootstrap
- **Backend Tools:** Node.js, Nest.js, Microservices, RabbitMQ, Kafka, gRPC
- **Testing & QA:** Cypress, Jest
- **Databases:** MongoDB, SQL
- **Languages:** English - C1, Tamil - C2, German - A2
- **Soft Skills:** Leadership, Logical reasoning, Teamwork, Versatility, Communication

WORK EXPERIENCE

Software Developer at Vibrant America	May 2021 – Sept 2024
<ul style="list-style-type: none">• Enhanced application performance by 35% through optimized TypeScript and JavaScript code, ensuring scalable and efficient solutions.• Developed and maintained 20+ reusable components using Bit.dev, improving development efficiency by 25%.• Spearheaded cross-functional collaboration with designers, QA teams, and product managers, reducing project delivery time by 15%.• Designed and implemented microservices architecture with RabbitMQ, Kafka, and gRPC, reducing system latency by 30%.• Conducted automated testing with Cypress and Jest, decreasing post-release defects by 25%.	

PROJECTS

Onboarding and Notification System	November 2023 – March 2024
<ul style="list-style-type: none">• Designed a dynamic onboarding platform to simplify registration and order tracking for phlebotomists, companies, and patients.• Integrated automated push and email alerts across different devices to ensure timely updates.• Utilized React.js, Next.js, Node.js, and RabbitMQ to enhance responsiveness, ensuring seamless real-time updates.	
Secure Payment Interface	January 2023 – April 2023
<ul style="list-style-type: none">• Built a robust payment solution to manage transactions securely between stakeholders.• Integrated Stripe and Stax, offering flexible payment methods and improving reliability.• Applied React.js, Next.js, Nest.js, and gRPC to secure data exchange, enhancing speed and safeguarding sensitive information.	
My Blog - EC2 Personal Blog with Auto Scaling	December 2024 – January 2025
<ul style="list-style-type: none">• Deployed a Personal blog on EC2 with Auto Scaling, achieving 99.9% uptime during peak traffic.• Reduced hosting costs with optimized Auto Scaling configuration.	

CERTIFICATIONS

AWS Cloud Practitioner (Score: 838) LINK	December 2024
<ul style="list-style-type: none">• Demonstrated foundational knowledge of AWS Cloud concepts, services, and security.• Achieved a high score, showcasing strong cloud fundamentals and practical understanding.	
Complete Web Development Bootcamp LINK	October 2020
<ul style="list-style-type: none">• Gained hands-on experience in front-end and back-end web development.• Built real-world projects using HTML, CSS, JavaScript, Node.js, Express, and MongoDB.	
Programming for Everybody – Python LINK	August 2020
<ul style="list-style-type: none">• Acquired strong Python programming skills with a focus on data structures and logic.• Developed practical coding abilities through interactive assignments and projects.	