BALA SUBRAMANYAM GARIKAPATI

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Professional Summary

Developer with 3 years of hands-on experience in building and deploying scalable web applications using JavaScript, React, Java, Azure, and databases (SQL/NoSQL). Proven track record in designing responsive user interfaces, integrating backend systems, and deploying applications on the cloud. Strong problem-solving skills with expertise in debugging, performance tuning, and delivering high-quality software solutions within deadlines.

EDUCATION

Northern Arizona University, Flagstaff AZ   Jan 2024 – May 2025
Masters In Information Technology   GPA: 4.0/4.0
- *Relevant Coursework*: Databases, Web Technologies, Data Structures, Information Security, Cybersecurity, Business Analytics, Business Intelligence, Cloud Computing, Design Studio, Applied Cryptography.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), React.js, HTML5, CSS3, Responsive Design, UI/UX principles
Backend & Databases: Java, Node.js, SQL, MySQL, MongoDB, PostgreSQL
Cloud: Microsoft Azure (App Services, Functions, Storage, Databases), AWS
Tools & Workflow: Git, GitHub, Agile/Scrum, JIRA, VS Code, Postman

EXPERIENCE

Vaccine Genie   July 2025 – Present
Full Stack Developer Intern
- Designing and enhancing secure sign-up/login pages with authentication using React.js, backend API integrations with Node.js/Express.js and vaccination record validation while improving user experience and data accuracy through responsive UI and Azure-based deployment.
- Collaborating on database design and optimization (SQL/NoSQL) integrating cloud services and utilizing Java for backend components to deliver scalable and reliable web solutions.

Northern Arizona University Information Technology   Aug 2024 – Dec 2024
Graduate Teaching Assistant | Web Technology ITC505   Flagstaff, AZ
- Instructed 60+ students in front-end and back-end development using HTML, CSS, JavaScript, React, Node.js, and Express.
- Held weekly office hours and provided personalized support in debugging, API integration, database management, and performance tuning, improving student outcomes by 25% on average.
- Evaluated over 100 assignments and 40+ projects, rigorously ensuring adherence to industry standards.

LTI Mindtree   Feb 2023 – Nov 2023
Cloud Support Engineer   Bengaluru, India
- Provided technical support and issue resolution for cloud-based applications, resolving over 500+ tickets for healthcare clients, ensuring SLA compliance and operational continuity.
- Delivered client-facing support via email and ticketing systems, helping reduce downtime and improve client satisfaction by 15%.
- Collaborated with cross-functional DevOps and engineering teams to implement automation, monitoring, and security best practices, improving system reliability and reducing manual intervention by 30%.

Graduate Engineering Trainee (Internship)   Dec 2022 – Jan 2023
- Gained hands-on experience with cloud infrastructure deployment on AWS, including services like EC2, S3, VPC and Lambda, while assisting in environment provisioning and automation.

Vekshith Technology Pvt. Ltd   June 2020 – July 2022
Junior Web Developer   Tirupati, India
- Designed and developed scalable web applications using **JavaScript, React, and Java**, ensuring responsive and user-friendly interfaces.
- Integrated **Azure cloud** for deployment, storage and application management to enhance system reliability and scalability.
- Worked with **databases (SQL/NoSQL)** for data modeling, queries, and backend integration to support dynamic features.
- Collaborated with cross-functional teams to translate business requirements into technical solutions.
- Implemented debugging, testing, and performance optimization to deliver high-quality applications.

PERSONAL PROJECTS

CarHub – Used Car E-commerce Platform
- Built a full-stack app using **React, Node.js, MongoDB**, with advanced search and filter features.
- Reduced manual updates by **30%** through an admin panel with full CRUD.

Cloud-Based To-Do List Application
- Built serverless to-do app on **AWS** with Lambda, API Gateway, and DynamoDB.
- Enabled secure, persistent task tracking for 100+ test users.

CERTIFICATIONS

- Microsoft Certified: AZ-204 Azure Developer Associate Link
- Microsoft Certified: AZ-900 Azure Fundamentals Link
- Java HackerRank Problem-Solving and basic Link