BHAVUK ARORA

Full-Stack Engineer | MERN Stack Developer

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Nationality:	Indian

PROFILE SUMMARY

Results-driven Full-Stack Developer with 3.5+ years of professional experience across scalable web development and cloud automation. Adept at building end-to-end MERN-based platforms, integrating ElasticSearch dashboards, and deploying production-grade services. Solid exposure to CI/CD workflows, containerization, and DevOps tools with a core focus now on JavaScript-based product engineering. Eager to apply full-stack skills to impactful software solutions in collaborative and agile environments.

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, React.js, Express.js, Tailwind CSS, HTML5, CSS3
- **DevOps & Cloud:** Azure DevOps, Docker, Kubernetes, CI/CD, PowerShell, ARM Templates, Terraform
- **Database & Tools:** MongoDB, MySQL, Redis, ElasticSearch, SQL
- **Monitoring & Infra:** Grafana, Nginx, Git, YAML, WebSockets
- **Testing:** Jest, Postman, Unit/Integration Testing

WORK EXPERIENCE

Nov 2024 – Apr 2025
Stuttgart, Germany

Junior Engineer
RIB Software

- Migrated CCNET pipelines to Azure DevOps for scalable setup kit installation
- Automated CI/CD workflows using Docker, reducing deployment time by 30%
- Integrated VM Scale Sets to scale deployments, cutting release cycles by 40%
- Optimized Azure cloud resources, achieving 15% cost savings
- Ensured 99.9% deployment success rate across QA environments

Mar 2024 – Sep 2024
Stuttgart, Germany

Software Developer (MERN Stack) – Master Thesis Project
Hochschule für Technik Stuttgart

- Developed predictive maintenance platform using React.js, Node.js, MongoDB
- Integrated ElasticSearch for real-time vehicle analytics, boosting data access by 20%
- Implemented monitoring dashboard using Grafana and deployed containerized services

Nov 2022 – Feb 2023
Bangalore, India

System Engineer
First American (India) Pvt. Ltd.,

- Containerized legacy apps with Docker for consistent deployments
- Managed Kubernetes clusters and CI/CD pipelines in test environments
- Reduced environment setup time by 25% through automation

| Jul 2020 – Jul 2022 | **Engineer - Cloud & Infra Services** |
| Bangalore, India | Larsen & Toubro Infotech, |

- Automated Azure deployments using PowerShell and ARM templates
- Built React.js + Node.js event management platform for 10,000+ users
- Implemented alert scripts and backup automations across hybrid cloud

EDUCATION

Masters in Software Technology
Hochschule für Technik Stuttgart, Germany | **Mar 2023 – Oct 2024**
Focus: Middleware, Data Structures, DBMS, Software Architecture
Led AI Game Result Predictor project with a team of 12 students

Bachelor in Computer Application (BCA)
JECRC University, Jaipur, India | **Jul 2017 – May 2020**
Focus: C++, Core Java, DBMS, Cloud Engineering
Graduated with 9.0 CGPA, Ranked 3rd out of 123 students

AREA OF KNOWLEDGE - FULL-STACK DEVELOPMENT

- Building scalable web apps using MERN stack and RESTful architecture
- Developing secure and responsive UIs with React.js and Tailwind CSS
- Designing REST APIs with Node.js and Express.js
- Managing CI/CD workflows using Docker, GitHub, and Azure DevOps
- Monitoring real-time analytics dashboards using ElasticSearch and Grafana
- Collaborating in agile sprints with test-driven and modular code practices

LANGUAGE, IT SKILLS, AND INTERPERSONAL SKILLS

Languages	• English - Business Fluent (C1)	• German – Intermediate (A2)
Interpersonal skills	• Analytical problem-solving • Effective collaboration • Agile team leadership	• Time management & multitasking • Commitment to accuracy • Scrum execution & precision
Certifications	• Microsoft Certified: Azure Fundamentals (AZ-900) • Red Hat Certified System Administrator (RHCSA)	
Key Highlights	• **Brainly** – AI-powered knowledge hub for storing YouTube, Tweets, PDFs Tech Stack: React.js, Node.js, MySQL, Redis, WebSockets • **Stage Scouts** – Stadium seat visualizer tool for best view prediction Tech Stack: TypeScript, React.js, Node.js Impact: Reduced user seat search time by 25%	