

BHAVUK ARORA

Full-Stack Engineer | DevOps Engineer

Address: 3104, Filderbahnplatz 37, Möhringen, Stuttgart, Germany
E-Mail: bhavuk.arora@web.de
Portfolio: <https://www.bhavukarora.eu/>
GitHub: <https://github.com/bhavukarora64>
Nationality: Indian
Date of Birth: 19.09.1999



PROFILE SUMMARY

Results-driven Full-Stack Developer with 3+ 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, Next.js, Express.js, Tailwind CSS
- DevOps & Cloud:** Azure DevOps, Docker, Kubernetes, CI/CD, PowerShell, ARM Templates, Terraform
- Database & Tools:** MongoDB, MySQL, Redis, Elasticsearch, SQL, PostgreSQL
- Monitoring & Infra:** Grafana, Nginx, Git, YAML, Web-Sockets
- Testing:** Jest, Postman, Unit/Integration Testing

WORK EXPERIENCE

Nov 2024 – Apr 2025 Stuttgart, Germany	Junior Engineer RIB Software <ul style="list-style-type: none">Built internal dashboard for managing pipeline runs using React.js and DevOps API.Implemented end-to-end CI/CD workflows for applications using Azure DevOps, improving deployment speed by 30%.Developed RESTful APIs in Node.js/Express, with role-based access.Created reusable UI components with Tailwind CSS and handled global state using Recoil.Migrated CCNET pipelines to Azure DevOps for scalable setup kit installation.Integrated VM Scale Sets to scale deployments, cutting release cycles by 40%
Mar 2024 – Sep 2024 Stuttgart, Germany	Software Developer (MERN Stack) – Master Thesis Project Hochschule für Technik Stuttgart <ul style="list-style-type: none">Developed predictive maintenance platform using React.js, Node.js, MongoDBIntegrated-Search 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., <ul style="list-style-type: none">Worked on a document workflow system with React.js and Node.js stack.Containerized applications using Docker, ensuring consistent environments across 10+ deployments.Managed state using Redux Toolkit and secured API endpoints with JWTManaged Kubernetes clusters and CI/CD pipelines in test environments.

Jul 2020 – Jul 2022

Bangalore, India

Engineer - Cloud & Infra Services

Larsen & Toubro Infotech,

- Built an internal event management portal for 10,000+ employees using MERN stack.
- Developed frontend modules (event listings, registration forms) using React.js.
- Managed Azure-based deployments using ARM Templates and PowerShell scripts.
- Created reusable form components and deployed the full app via Docker containers.

PROJECTS

- Brainly** – AI-powered knowledge hub for storing YouTube, Tweets, PDFs
 - Tech Stack: React.js, Node.js, MySQL, Redis, Web-Sockets.
 - Link: <https://brainly.bhavukarora.eu/>
- 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%
 - Link: <https://stagescouts.bhavukarora.eu/>

EDUCATION

Masters in Software Technology (M.Sc.)

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	<ul style="list-style-type: none">English - Business Fluent (C1)	<ul style="list-style-type: none">German – Intermediate (A2)
Interpersonal skills	<ul style="list-style-type: none">Analytical problem-solvingEffective collaborationAgile team leadership	<ul style="list-style-type: none">Time management & multitaskingCommitment to accuracyScrum execution & precision
Certifications	<ul style="list-style-type: none">Microsoft Certified: Azure Fundamentals (AZ-900)Udemy’s - Full-Stack Web DevelopmentRed Hat Certified System Administrator (RHCSA)	