Shubham Narkhede

"I automate today to accelerate tomorrow."

SUMMARY

DevOps Engineer with 6+ years of experience delivering end-to-end automation, CI/CD, and cloud solutions. Proven track record of reducing deployment times by up to 75% and improving system reliability. Strong collaborator with expertise in Docker, Kubernetes, AWS, Azure, and modern scripting languages. Experienced in SDLC with expertise in web and mobile application architecture, UX-focused design, development, and deployment. Skilled in collaborative environments to deliver reliable, user-centric, and scalable solutions across mobility, enterprise, and e-commerce domains.

CONTACT DETAILS

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EXPERTISE

- Full Stack Development
- UX Product Designing
- DevOps Tools & CI/CD
- Automation Testing
- Cross Functional Collaboration
- Security & Authentication
- Digital Transformation

EXPERIENCE

DevOps Software Engineer — *Stuttgart-Feuerbach, Germany*
Robert Bosch GmbH — *07/2022 – Present*

- Architecting and implementing CI/CD pipelines using Jenkins, GitLab CI, and GitHub Actions.
- Used Docker containerization to boost developer productivity 30% and reduce server count 20%.
- Added automated testing to CI/CD pipelines, cutting production bugs 15-25% and raising test pass rates to 95%.
- Mentored 20+ junior engineers in DevOps best practices and IaC automation.
- Collaborating with development, QA, and operations teams to streamline the SDLC, reducing time-to-market by 35%.
- **Achievements:**
  - Reducing deployment time by 40-75% and increasing release cycles.
  - Implemented configuration management with Ansible to standardize server setups across 30+ microservices, accelerating software delivery cycles by 50%.
  - Migrating 18-50+ microservices from monolithic architecture to containerized environments using Docker and Kubernetes.
  - Developing real-time monitoring solutions using Grafana, identifying and resolving performance bottlenecks 70% faster.

Software Developer — *Ulm, Germany*
Bosch Rexroth AG — *09/2020 – 06/2022*

- Led full-stack web development with Angular, delivering data-driven platforms that improved transparency and boosted sales efficiency by 16%.
- Migrated cloud infrastructure from Bosch IoT, Lamp server to Azure, enhancing scalability, security, and cost efficiency while establishing CI/CD pipelines on Azure DevOps.
- Integrated various APIs (REST, SOAP) to enable new business functionalities and increase application capabilities.
- Aligned technical delivery with business goals through effective requirements gathering and collaboration with senior stakeholders.
- Delivered responsive support and rapid bug fixes for critical business modules, minimizing downtime and ensuring continuity for global operations.
- **Achievements:**
  - Drove technology revamp initiatives, resulting in a 40% reduction in server costs and a conspicuous increase in application reliability.
  - Onboarded and provided technical support for 100+ global sales partners and engineers, boosting digital adoption and increasing daily productivity by 23
  - Enabled seamless remote engagement and real-time interaction for over 600 partners worldwide, strengthening global distribution networks.

Software Developer - **Associate** — *Leipzig, Germany*
Amazon — *04/2019 – 03/2020*

- Developed scalable internal tools using Java, Spring Boot, Kotlin, and TypeScript, optimizing business processes and increasing operational efficiency by 30%.
- Collaborated with cross-functional teams, UX designers, product managers, and engineers to define product scope and deliver high-impact, production-ready solutions.
- Engineered robust, amenable code and actively led code reviews, enhancing application stability, maintainability, and team delivery standards.
- Gained expertise in cutting-edge technologies while improving internal workflows and delivering high-performance software solutions.
- **Achievements:**
  - Designed and implemented tools at Amazon scale, boosting operational efficiency by 30%, scalability by 40%, and architecture stability.
  - Developed and maintained high-quality code that reduced bug incidents by 20% through robust OOP practices.
  - Contributed to 10+ Agile development cycles, accelerating delivery by 25% and improving system performance by 15%.

EDUCATION

M.Sc. Automotive Software Engineer — *Chemnitz, Germany*
Technical University of Chemnitz — *10/2018 - 08/2020*
Grade: 1.7/5.0

B.E. Computer Science and Engineering — *Nagpur, India*
R.T.M.N.U Nagpur University — *06/2014 - 05/2018*
Grade: 8.4/10 ≈ German: 1.75/5.0

INTERNSHIPS

Web Design & Development Trainer — *Nagpur, India*
Arena Animation — *04/2018 – 09/2018*

- Delivered comprehensive training on modern web technologies, including HTML5, CSS3, Bootstrap, JavaScript, PHP, WordPress, and Firebase.
- Conducted in-depth modules on UI/UX principles, prototyping, and responsive design, enabling students to build intuitive and user-focused web interfaces.
- Mentored over 30 students in developing real-world web projects, improving their design thinking and problem-solving skills.
- Managed academic transition and visa process for relocation from India to Germany for master's studies.

Full-Stack Developer (Part-time) — *Nagpur, India*
IT-Networkz Infosystems Pvt. Ltd. — *07/2017 – 02/2018*

- Built and launched "Food on Phone System," an online food ordering portal, leading to a 40% boost in initial user engagement.
- Utilized full-stack technologies (Java, JDBC, MySQL, HTML5, JavaScript, Bootstrap) to deliver end-to-end solutions within aggressive project timelines.

Java Developer Intern — *Nagpur, India*
Paarsh Touch Software Solutions — *09/2016 – 03/2017*

- Engineered server-side applications with Servlets, JDBC, and Tomcat, supporting secure data processing for 3 client contracts.
- Managed hosting and real-time database integration using Firebase, enabling client-side analytics and reducing downtime incidents.

Web Developer & UI/UX Intern — *Nagpur, India*
Paarsh Touch Software Solutions — *02/2016 – 08/2016*

- Designed and developed responsive websites and web applications using HTML5, CSS3, Bootstrap, and JavaScript, improving mobile accessibility by 50%.
- Delivered UI/UX enhancements guided by user feedback, increasing client satisfaction ratings by 25%.
- Customized WordPress and PHP5 implementations for rapid website launches, supporting 6+ client brands.

PROJECTS

Automotive System Selector for Mobile Machinery — *Ulm, Germany*
Bosch Rexroth AG - Master Thesis — *04/2020 – 09/2020*

- Developed a centralized business application leveraging MBaaS, ReactJS, NodeJS, MongoDB, Power BI, RESTful APIs, CI/CD pipelines, and Azure Cloud, automating manual processes to enable engineers to generate complete machine configurations, improve operational efficiency, reduce process time, and drive profitability in sales.

Personalize Search Engine by Server-Side Cache Approach — *Nagpur, India*
Paarsh Touch Software Solutions - Bachelor Thesis — *08/2017 – 02/2018*

- Developed a personalized web search engine using server-side caching, Java JSP, XHTML, CSS3, and JSON-based APIs, delivering faster, user-specific search results by analyzing user behavior and previous search patterns.