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. Collaborated across teams to design and deploy Docker-based microservices on AWS and Azure, improving release velocity. Led end-to-end life cycles for web and mobile apps, delivering UX-focused solutions that increased user engagement. Engineered a high-availability platform that lifted uptime from 80% to 96% (+20%).

CONTACT DETAILS

- ⊕ www.shubhamnarkhede.com
- ⚲ Stuttgart, 70376 Germany
- ☎ +49 171 510 8059
- ✉ shubhampnarkhede@gmail.com
- in LinkedIn.com/spnarkhede
- ⊙ GitHub.com/spnarkhede

EXPERTISE

Full Stack Development

UX Product Designing

DevOps Tools & CI/CD

Automation Testing

Cross Functional Collaboration

Security & Authentication

Cloud Migration

EXPERIENCE

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

- 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, reducing production bugs by 20% and raising test pass rate to 95%.
- Mentored 20+ junior engineers in DevOps best practices and IaC automation.
- Led cross-team effort that cut time-to-market from 12 weeks to 8 weeks (-35%).
- **Achievements:**
  - Reducing deployment time by 40-75% and increasing release cycles.
  - Standardized 30+ microservices via Ansible, halving delivery cycle time.
  - Containerized 45 microservices with Docker/K8s, slashing deployment time by 60%.
  - Developing real-time monitoring solutions using Grafana, identifying and resolving performance bottlenecks 70% faster.

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

- Led full-stack web development with Angular, delivering data-driven platforms that improved transparency and elevated 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:**
  - Led technology upgrade initiatives that reduced server costs by 40% and significantly improved application reliability.
  - On-boarded 100+ global partners, cutting onboarding time from 2 weeks to 3 days.
  - Built video-conferencing integration used by 600+ partners, increasing remote sales meetings by 40%.

Software Developer - Master Thesis   *04/2020 – 08/2020*
Bosch Rexroth AG   *Ulm, Germany*

- Topic: Development of an Application Product Selector(APS) of Mobile Machinery for Sales Partners.
- Engineered Angular-based Application PS with MVVM architecture and ASP.NET Core backend for product selection.
- Created a centralized tool integrating SAP, 3D assets, and competitor analysis to improve sales partners' product recommendation accuracy.
- Implemented Git branching workflows and peer code review practices across development teams.
- Conducted iterative user testing and requirements analysis with management and sales teams.
- **Achievements:**
  - Automated config generation, reducing engineer effort by 4 hours per week.
  - Contributed to measurable market sales growth by simplifying application discovery and product recommendation for partners.
  - Enabled sales partners to navigate multiple applications, improving adoption and contributing to measurable market sales growth.

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

- Developed scalable internal tools using Java, Spring Boot, Kotlin, and TypeScript, optimizing business processes and reducing manual efforts 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 reliable, testable code and actively led code reviews, enhancing application stability, maintainability, and team delivery standards.
- Gained expertise in the latest technologies while improving internal workflows and delivering high-performance software solutions.
- **Achievements:**
  – Built Amazon-scale tools to improve scalability by 40%, enhance stability, and boost performance by 30%.
  – Developed and maintained high-quality code that reduced bug incidents by 20% through GitOps practices.
  – Contributed to 10+ Agile development cycles, accelerating delivery by 25% and improving system performance by 15%.

EDUCATION

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

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

INTERNSHIPS

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

- 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)
IT-Networkz Infosystems Pvt. Ltd.
07/2017 – 02/2018
Nagpur, India

- 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 full-stack solutions within aggressive project timelines.

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

- 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
Paarsh Touch Software Solutions
02/2016 – 08/2016
Nagpur, India

- 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 client brands.