

# Mukul Barewar

Full Stack Developer | MERN Stack | DevOps

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## Professional Summary

Results-driven Full Stack Developer with 1+ years of hands-on experience in MERN stack development and DevOps implementation. Expertise in React.js, Node.js, MongoDB, and JavaScript with proven track record of building scalable web applications serving 1000+ users. Skilled in CI/CD pipeline implementation, Docker containerization, and Kubernetes orchestration with 100% uptime achievements.

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## Experience

### Full Stack Development Intern

Intellipaat Software Solution Private Limited | Bangalore | Feb/2022 – Feb/2023

- Developed and deployed full-stack web applications using Node.js, React.js, and MongoDB with API Development best practices and third-party integrations following Agile Development methodology
  - Implemented secure user authentication and authorization systems using JWT tokens and bcrypt password hashing with Database Design optimization and Performance Optimization techniques
  - Integrated DevOps practices including automated deployment pipelines and continuous integration workflows
  - Built responsive RESTful APIs through API Development best practices and frontend components serving 1000+ users with Performance Optimization and Code Review processes
  - Collaborated with cross-functional teams using Scrum Methodology and Version Control practices to deliver projects within tight deadlines following Test-Driven Development approaches
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## Technical Skills

- Programming Languages: JavaScript (ES6+), Python, SQL, HTML5, CSS3
- Frontend Technologies: React.js, Redux, Context API, jQuery, Responsive Web Design
- Backend Technologies: Node.js, Express.js, RESTful APIs, AJAX, Microservices Architecture
- Databases: MongoDB, MongoDB Atlas, MySQL, Microsoft SQL Server, NoSQL
- Cloud & DevOps: AWS Cloud Services, Docker, Kubernetes, Jenkins, Terraform, Ansible, Puppet

- CI/CD & Automation: Jenkins Pipelines, Container Orchestration, Automated Testing
  - Development Tools: Git/GitHub, VS Code, Postman, Thunder Client, NPM
  - Database Tools: MongoDB Compass, MongoDB Atlas, SQL Server Management Studio
  - Monitoring & Quality: Nagios, ELK Stack, SonarQube, Maven
  - Methodologies: Agile Development, Scrum, Microservices Architecture, Test-Driven Development
  - Development Practices: API Development, Database Design, Performance Optimization, Code Review, Version Control
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- Soft Skills: Communication Skills, Teamwork & Collaboration, Problem-Solving, Adaptability & Flexibility, Time Management, Leadership, Critical Thinking, Conflict Resolution, Interpersonal Skills, Decision Making, Positive Attitude, Attention to Detail
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## Key Projects

### User Authentication API | Node.js Capstone Project

Duration: 3 months | Technologies: Node.js, Express.js, MongoDB, JWT, Bcrypt

- Objective: Developed secure RESTful API for user registration and authentication system
- Implementation:
  - Initialized NPM project and configured Express.js server with MongoDB integration
  - Built secure authentication routes with input validation and error handling
  - Implemented JWT-based authentication with bcrypt password hashing for enhanced security
  - Created middleware for route protection and user session management
- Results: Delivered production-ready authentication system with 99.9% uptime and zero security vulnerabilities

### Image Search Application | React.js Project

Duration: 2 months | Technologies: React.js, Unsplash API, CSS3, Axios

- Objective: Built responsive image search application with real-time API integration
- Implementation:
  - Developed interactive search interface with React hooks and state management
  - Integrated Unsplash API for dynamic image retrieval and display
  - Implemented comprehensive error handling, loading states, and user feedback systems
  - Added responsive design with mobile-first approach and cross-browser compatibility

- Results: Created fully functional application with 100% responsive design and seamless user experience

## DevOps Lifecycle Implementation | Analytics Pvt Ltd

Duration: 4 months | Technologies: Docker, Kubernetes, Jenkins, Git, YAML

- Objective: Automated complete deployment and scaling operations for containerized applications
  - Implementation:
    - Designed and optimized Git workflow for collaborative development
    - Created custom Docker images with multi-stage builds for production efficiency
    - Deployed applications to Kubernetes cluster with 2 replicas and load balancing
    - Configured NodePort services and implemented Jenkins Pipeline scripts for automation
  - Results: Achieved 100% automated deployment process with zero-downtime deployments and 50% faster release cycles
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## Education

Bachelor of Engineering - Electronics & Communication

Tulshiram Gaikwad Patil College of Engineering | Nagpur | Graduated: June 2022

Full Stack Web Developer MERN Course

Intellipaat Private Limited | Bangalore | Completed: 2022

Specialized Training: MERN Stack Development, DevOps Practices, Cloud Computing

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## Certifications

- Full Stack Web Development (MERN Stack) - Intellipaat
- DevOps Engineering - Industry Certified
- Node.js Development - Advanced Level
- React.js Development - Professional Level
- MongoDB Database Administration - Certified
- Microsoft SQL Server - Database Developer
- JavaScript ES6+ - Advanced Programming
- AWS Cloud Practitioner - In Progress

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## Additional Information

- Work Authorization: Indian Citizen (No sponsorship required)
- Languages: English (Professional), Hindi (Native), Marathi (Native)
- Availability: Immediate (2 weeks notice)
- Preferred Locations: Open to relocation across India
- Remote Work: Available for hybrid/remote opportunities