

Shailesh Jukaria

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Summary

Full Stack Developer with hands-on experience in building scalable web applications using the MERN stack. Proficient in developing responsive frontends with React.js and robust backends with Node.js and Express.js. Strong foundation in database design, RESTful API development, and modern DevOps practices. Passionate about writing clean, efficient code and delivering high-performance solutions that enhance user experience.

Education

Graphic Era Hill University – B.Tech in Computer Science and Engineering

Technical Skills

Languages: JavaScript (ES6+), TypeScript, Python, Java, SQL

Frontend: React.js, Angular, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design

Backend: Node.js, Express.js, RESTful APIs, Microservices, JWT Authentication, WebSockets

Databases: MongoDB, MySQL, PostgreSQL, Query Optimization, Indexing, Database Design

DevOps & Tools: Git, GitHub, Docker, Jenkins, CI/CD, Postman, VS Code, Agile/Scrum

Experience

Full Stack Developer Intern, LaunchED Global

- Developed scalable full-stack applications using **React.js, Node.js, Express.js, and MongoDB** serving 10,000+ users with 99.9% uptime.
- Built 20+ RESTful API endpoints with JWT authentication, error handling, and input validation for secure data transmission.
- Optimized database schemas and queries, implementing indexing strategies that improved performance by 40%.
- Implemented CI/CD pipelines using Jenkins and Docker, reducing deployment time by 50% through automation.

Technical Mentor, We Code Club

- Conducted workshops on MERN stack development and system design for 500+ students.
- Mentored students in building end-to-end applications, code reviews, and debugging full-stack issues.

Projects

E-commerce Platform | React.js, Node.js, Express.js, MongoDB, Stripe, Redis

- Built a full-stack e-commerce platform with product catalog, shopping cart, and secure Stripe payment integration.
- Implemented Redux for state management, 20+ RESTful APIs, and MongoDB schemas with proper indexing.
- Integrated Redis caching reducing database queries by 60% and improving page load times by 45%.
- Added user authentication, order tracking, admin dashboard, and real-time inventory with WebSocket notifications.

Personal Space – Cloud Storage Platform | React.js, Node.js, MongoDB GridFS, AWS S3

- Developed secure cloud storage with file uploads up to 100MB, drag-and-drop interface, and file sharing capabilities.
- Implemented backend with Node.js, Express.js, MongoDB GridFS, file encryption, and JWT authentication.
- Integrated AWS S3 for scalable storage with automated backup system ensuring 99.9% availability.

Anime TV Tracker | React.js, Node.js, Express.js, MongoDB, External APIs

- Built anime tracking application with search, browse, and personalized watchlist by integrating external anime APIs.
- Implemented user authentication, CRUD operations, and caching strategy reducing API calls by 70%.
- Designed responsive UI with pagination and infinite scroll for browsing 5,000+ anime titles.

Certifications

The Complete 2024 Web Development Bootcamp – Dr. Angela Yu

- Completed 60+ hour bootcamp covering full-stack development with MERN stack, RESTful APIs, database design, authentication, and deployment strategies.