

# Deepak Sharma

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## Professional Summary

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Senior Full Stack Developer with 4+ years of experience architecting scalable MERN applications and AWS Serverless microservices. Led cross-functional Agile teams to build platforms supporting 10K+ concurrent users, achieving 60% performance gains. Expertise in System Design, Micro-Frontends, CI/CD pipelines, and end-to-end product ownership.

## Technical Skills

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**Frontend:** React.js, TypeScript, JavaScript (ES6+), Redux, HTML5, CSS3, Tailwind CSS, Vite, Webpack 5, Module Federation

**Backend:** Node.js, Express.js, REST API Design, MongoDB, PostgreSQL, Microservices, Serverless Framework

**Cloud & DevOps:** AWS (Lambda, API Gateway, SQS, EventBridge, S3, CloudFront, EC2), Docker, CI/CD, Jenkins, Nginx

**Practices:** System Design, Scalability, Agile/Scrum, Unit Testing (Jest), Code Reviews, State Management

## Professional Experience

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**Gemini Solutions, Gurgaon**

Jan 2022 – Present

**Senior Software Engineer** | *Emaar Group – Real Estate Helpdesk Platform*

- Spearheaded development of a JSON-driven form builder to enable 100+ dynamic helpdesk workflows; reduced frontend development time by 40% and accelerated feature releases by 3 weeks per sprint
- Led a team of 6 engineers in Agile sprints, conducting code reviews and mentoring junior developers, resulting in 25% reduction in production bugs
- Architected a reusable component library using React, TypeScript, and Tailwind CSS; improved cross-team development velocity by 30%
- Owned CI/CD pipeline configuration with Nginx deployment, ensuring 99.9% uptime for client-facing applications

**Software Engineer** | *Tata AIG Insurance – CRM & Microservices Platform*

- Designed and deployed serverless microservices architecture using AWS Lambda, API Gateway, SQS, and EventBridge; improved system scalability to handle 5x traffic spikes
- Built Micro-Frontend UIs with React, Webpack 5, and Module Federation; enabled independent team deployments and reduced release cycles by 50%
- Implemented secure, decoupled event-driven architecture with MongoDB, processing 100K+ daily transactions

**Software Engineer** | *Sharemeister Inc, USA – Ahura & Athletic Estate*

- Developed 5 cross-platform applications using React, TypeScript, and Node.js/Express with modular architecture; scaled to support 10K+ concurrent users
- Engineered WebRTC-based real-time video chat with automated FFmpeg transcoding and AWS S3 storage; reduced video processing time by 45%
- Optimized REST APIs and PostgreSQL queries through indexing and query refactoring; achieved 60% reduction in response times
- Deployed production infrastructure using AWS S3, CloudFront, and Docker-based CI/CD with Bitbucket Pipelines; cut deployment time by 35%

## Open Source Projects

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**MUI Smart Form Builder** (NPM) – React component library with JSON-schema rendering, form validation, and conditional logic

**MUI Smart Table** (NPM) – React data table package with server-side pagination, multi-column sorting, filtering

**Resume ATS Checker** (GitHub) – Next AI resume analyzer with PDF parsing, keyword extraction, and real-time scoring

## Education

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**Bachelor of Engineering (B.E.)**, Panjab University, Chandigarh (2018–2022) | CGPA: 7.72/10