

# Manish Jadhav

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Technical architect with 12 years of experience—from learning design patterns to architecting systems spanning monolithic, serverless, and distributed computing.

Proven track record of successfully leading teams to design, develop, and deploy large-scale projects while maintaining attention to detail. Adept at collaborating with cross-functional teams to deliver high-quality software solutions.

Committed to continuous learning, I always find myself engaged with new courses to upskill, in tech, music and productivity.

## Work Experience

### Hyphn Digitech LLP

Founder & Technical Consultant | May 2024 - Present | Remote

Building my own startup and consulting independently on data engineering and AI projects. Focusing on execution over perfection with consistent, iterative delivery.

- Building large-scale data pipelines for processing and transforming data at scale
- Solving AI/ML integration challenges for companies, from proof of concept to production deployment
- Architecting solutions across monolithic, serverless, and distributed computing patterns based on project needs
- Applying lessons learned from perfectionism—shipping early, iterating often, and prioritizing consistency over intensity.

### Saavi Softwares Private Limited

Software Architect | June 2022 - May 2024 | Pune, India

Utilizing Node.js for server-side development and React for building scalable frontend applications. Cloud-native application development using AWS, including services such as AWS Lambda, API Gateway, DynamoDB, and S3 for building serverless architectures.

- Implemented state machine-based workflows to replace traditional long-running servers, enhancing efficiency and scalability.
- Developing solutions utilizing AWS databases, with a specialization in DynamoDB.
- Demonstrated understanding of cloud reference architectures following AWS best practices.
- Strong emphasis on code documentation to ensure clarity, maintainability, and collaboration

within the team.

### Excellerate (Formerly Synerzip)

Full Stack Developer | March 2020 - May 2022 | Pune, India

- Developed design documents and Proof of Concepts (POCs) utilizing diverse technologies tailored to consumer use cases.
- Familiarity with principles of scalable architecture, including monolithic, microservices, etc.
- Responsible for building and maintaining features across multiple microservices within the ecosystem (Node.js).
- Well-versed in event sourcing patterns and event-driven architecture, ensuring alignment with project requirements (RabbitMQ).
- Continuously enhanced expertise in JavaScript and TypeScript design patterns to facilitate scalable coding practices.
- Experienced with Docker and deployment processes, ensuring smooth and efficient application deployment.

### MarketingMuggles (Formerly Beardythoughts)

Software Engineer | December 2012 - February 2020 | Pune, India

- Developed robust APIs with clean, well-documented code to ensure clarity and ease of integration.
- Integrated backend Node.js APIs seamlessly with React frontend applications to deliver cohesive user experiences.
- Demonstrated expertise in fundamental design principles crucial for building scalable applications.
- Proficient in asynchronous programming paradigms, addressing challenges effectively to ensure smooth application flow.
- Proficient in writing comprehensive unit tests for both React and Node.js using Jest, Mocha, and Chai.
- Managed end-to-end project lifecycle, ranging from conceptualization to delivery, encompassing landing page design, application development, and full-fledged e-commerce solutions.

### University of Glasgow

Research Associate | September 2012 - December 2012 | Glasgow, Scotland

Conducted literature research and spearheaded the development of innovative assistive technologies, including:

- Subtitle Editor: Designed and implemented a user-friendly subtitle editor enabling users to edit existing subtitles or create new ones.
- Plugin/Tween Engine: Developed a versatile plugin/tween engine to seamlessly integrate

effects into subtitles, enhancing accessibility and user experience.

- Accessible Video Player: Engineered an accessible video player tailored specifically for deaf individuals, facilitating seamless video playback and subtitle integration.

## **Education**

2011 - 2012: M.Sc.in Embedded Systems

University of Glasgow, School of Engineering, Glasgow, Scotland

2008 - 2011: B.Sc.in Electronics

Modern College of Arts, Commerce and Science, Pune, Maharashtra