

# TARUN SRINIVAS PUTCHALA

📍 *Hyderabad, Telangana 500001*

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## PROFESSIONAL SUMMARY:

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Software Development Engineer experienced in building scalable, secure and data driven applications using Angular, Nest JS, Nodejs, and modern architectural patterns. Strong background workflow automation, data processing pipelines, subscription systems and feature-rich media platforms. Proven ability to design modular architectures, optimize UI/UX, and deliver robust backend APIs with Strong Security practices. Skilled in containerized environments (Docker), MongoDB modelling, and full stack integration. Known for ownership, systematic problem solving and delivering production ready features. Currently contributing to Workflow Orchestration and intelligent data segmentation in the AI EWDI system at Ewigway Technologies

## PROFESSIONAL EXPERIENCE:

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*Software Development Engineer*

*August 2025 – Present*

*Ewigway Technologies Pvt Ltd – Hyderabad, India*

- Built core modules for the **AI EWDI** System, enabling structured data segmentation used for machine-learning model training
  - Designed and Developed workflow logic to handle multi-stage data processing, reviews and approvals across the system for different kind of databases
  - Created end-to-end UI in angular and integrated it with Nest JS backend APIs to streamline data uploads, analysis, verification, and finalization
  - Implemented secure access-control rules ensuring users perform only allowed operations throughout the workflow
  - Contributed to architectural decisions around segmentation pipelines, workflow state transitions and scalable to data handling
  - Containerized services using Docker and optimized Mongo DB models for efficient structured-data processing
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*Veniso Solutions Pvt Ltd – Hyderabad, India*

*Junior Software Developer*

*May 2023 - April 2025*

*Software Developer*

*April 2025 – August 2025*

- Built responsive, accessible interfaces using React, Tailwind, and Shadcn UI, improving user engagement by **40%**.
- Integrated Value-Added Services (VAS) Across multiple regions, streamlining workflows and increasing **renewals by 30%**
- Developed, secure, scalable REST APIs using Nodejs, Express JS, PHP, My SQL & Mongo DB to Optimize backend communication

- Increased Frontend Test Coverage by **35%** using React Testing Library and Jest , Reducing regressions and product defects
- Designed Complete user lifecycle flows, reducing drop-offs and improving retention across subscription funnels

## PROJECT EXPERIENCE

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### *OTT Platform (Chanajor) |Full Stack Developer*

*October 2023 – Present*

- Architected a Modular OTT system with optimized video delivery flows and dynamic content rendering
- Reduced frontend load times by 25% through component level memorization and caching strategies
- Implemented a scalable backend endpoint for content metadata, improving fetch efficiency under high concurrency.

### *Music Streaming Platform (Buddie Beatz) |UI Developer*

*June 2024 – Present*

- Created a fully custom audio engine with wave-form based controls, increasing user interaction by 30%
- Built a redux-driven synchronization layer to maintain consistent player state across multiple UI surfaces
- Delivered reusable design components that improved developer velocity by 20%

## EDUCATION

**2019 - 2022      B. Sc Information Technology      Nannaya University 9.3 CGPA**

## TECHNICAL SKILLS & TOOLS

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|-------------------------------------|---|
| ○ <b>UI Technologies</b>            | - <i>JavaScript, TypeScript, ReactJS, React-Redux, Tailwind CSS, Angular</i>  |
| ○ <b>Architectures</b>              | - <i>MVC, Micro Services, Monolithic, Event Driven Architecture</i>   |
| ○ <b>Backend Technologies</b>       | - <i>PHP, NodeJS, Express JS, Rabbit MQ, Cron, NestJS</i>   |
| ○ <b>APIs</b>                       | - <i>RESTful APIs, HTTP Standards</i>   |
| ○ <b>Authentication</b>             | - <i>JWT, OAuth2.0, Session Management</i>  |
| ○ <b>Data Base &amp; Modeling</b>   | - <i>MySQL, MongoDB</i>   |
| ○ <b>Operating Systems</b>          | - <i>Windows, Linux</i>   |
| ○ <b>Version Control&amp; Tools</b> | - <i>Git, GitHub, Visual Studio Code, Vim, Docker, Postman</i>  |
| ○ <b>Testing</b>                    | - <i>Jest, React Testing Library</i>  |
| ○ <b>Security &amp; Logging</b>     | - <i>XSS Prevention, CSRF Handling, Input Sanitization, Helmet.js, CSP Awareness, Custom File Based Logging, Encryption &amp; Hashing</i> |