

VINOD SAI ADDEPALLI

SDE III / Technical Lead | Full Stack (Experience 6.5+ years) | India

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Overall 6.5+ years of experience in full-stack development, demonstrating a strong proficiency in a wide range of technologies, including Microservices, Node.js, GoLang, and more. I have a proven track record of successfully leading cross-functional teams and delivering high-impact projects.

Skills

- **Microservices, Nodejs, Nestjs, GoLang, Gin, Typescript**, Express, Serverless, Electronjs, Php, Zend Framework, **Redis**, Celery, RabbitMQ.
- **MySQL, PostgreSQL, Spanner**, ScyllaDB, MongoDB, DynamoDB, BigQuery.
- **Kubernetes, Docker, AWS, GCP, Jenkins, Spinnaker**, Celery, RabbitMQ, Datadog.
- **React JS, Typescript, Recoil, MobX, NextJs, Webpack, Vite**, MobX-State-Tree, Redux, Material UI, **Antd**, Webix, Ext JS, jQuery, Bootstrap, HTML, CSS, SCSS.
- Tried POCs on Python, Django, Ruby on Rails, Wordpress development, Android, React Native

Experience

ShareChat (MohallaTech Pvt Ltd)

(Jan, 2023 - Present)

Role: SDE III or Technical Lead | Full Stack

- Implemented zone aware requests for ScyllaDB, reducing interzone network costs by **~50%**.
- Refactored and migrated the video suggestion feed from NodeJs to Golang, improving p99 latency by **~100ms** and reducing fallbacks by **~2%** for a service handling **~10,000 ops**.
- Designed and developed the architecture of Api Gateway to access multiple VPCs. Used for partners dashboards to access analytics of both SC & Moj Apps.
- Created a centralized asset service, allowing users to optimize, crop, and resize assets, improving asset quality and reducing egress costs by **> 80%** widely utilized across the organization for diverse use cases.
- Modified open-source alternatives, aligning with ShareChat's requirements and reducing costs and dependencies on third-party services.
- Improved team performance and shared best practices as a key contributor and leader.
- Managed Sprints, guided the team in goal-setting, and shaped their technical roadmap.

ShareChat (MohallaTech Pvt Ltd)

(Jul, 2021 - Jan, 2023)

Role: SDE II | Full Stack

- Built a **Low code** platform for building tools. UI renders based on BE JSON configuration. Designed and developed the core architecture of frontend and backend, deployable in different environments (preview, QA, live) with rollback capabilities.
- Designed and developed configurable Json service used by both FE & BE services.
- Created Microservice for handling all Roles and Permissions, used across multiple platforms like internal tools, ads, etc in Sharechat. **250** requests per second, **20** millisecond avg latency
- Developed reusable Github actions for code coverage, doc coverage checks, unit tests, lighthouse score checks, etc for the entire org, used for both frontend and backend repo's..
- Developed communications service which is used for whatsapp messages, calling, etc.
- Improved lighthouse score of frontend repos to > 90%
- Developed, automated, and improved diverse UI tools for the operations team, resulting in a cost reduction of over **50%**
- Developed Creator Calling Service: Microservice. Safeguards user PII using Kaleyra
- Led a team and ensured team performance while sharing best practices.

- New Initiatives by me: JS Doc, Storybook, Typescript, NestJS, PostgreSQL, Load Testing (Jmeter), enforcing PR github actions, brotli compression for static files.

Tigersheet

(Jun, 2017 - Jul, 2021)

Role: Senior Software Developer | Full Stack

- Developed No code platform for building Business Applications (CRM, Inventory Management, Invoices, Support tickets managements, IT Asset Tracker, Timesheets, etc.) – (tigersheet.com)
- Led and managed a team, ensuring performance and sharing best practices.
- Designed API Handler for seamless API calls similar to Postman, facilitating easy data transfer between Tigersheet and other platforms and reduced time of integration with Tigersheet by **90%**.
- Created Mail Inbox Parser for dynamic extraction and column population from emails.
- Integrated Webpack for improved frontend functionality (hot reloading, JS & CSS minification).
- Fixed multiple security vulnerabilities in the application
- Created New UI Architecture Setup with Reactjs & Developed Major Screens.
- Implemented a Pull Request Deployment Approach using CI/CD.
- Created various UI screens, including Kanban for task management, Charts, and Calendar View.
- Enhanced service performance by adopting an event-driven approach for asynchronous task handling across distributed servers.
- Developed Windows System App integrating Tally for streamlined ledger access, bill retrieval, and customer interactions using an Electron Js.
- Developed Live Location Sharing Android App, handling frontend, backend, and Android.
- Environment: Reactjs, Mobx, Material UI, Nodejs, PHP, ZF 1, MySQL, Celery, RabbitMQ, Jenkins, Docker, Webpack, Ext JS, Webix, AWS.

Robotics & Electronics

Designed and built various robotic projects, including a Gesture Controlled Robot, Line Follower Robot, Obstacle Detector, All-Terrain Rover, Metal Detector, RF-controlled Robot, and Robotic Arm.

Built Image Processing projects like Colored ball Recognition, Hand Recognition using MATLAB.

Developed Induction hardening using dual frequency Inverter

Achievements

- Received multiple awards (Game Changer, Human Handbook, Power Player, Ace of Initiative, Value Champion) at Sharechat for driving innovation, leading teams, launching a Low Code platform, and delivering successful projects.
- Winner in Robotic events such as Accelerometer Controlled Robot, Robotic Arm, Robo Soccer, Indian Rover, F1 Race & Blind race at IIT Madras, Osmania University, IIT Hyderabad & SNIST.

Positions of Responsibility

- Technical Lead at Sharechat (Product Based)
- Led tech team at Tigersheet (Product Based)
- Worked as Designer (2015-16) & Executive body member of NGO "Sreenidhi Cancer Foundation"
- Worked as Designer for the club "The Faraday's Club of Electrical Igniters" for 2015-16

Education

• B.Tech (MPC)	Sreenidhi Institute of Science and Technology - JNTUH	2013-2017 80.02 %
• Inter (MPC)	Narayana Junior College	2011-2013 96.20 %
• 10 th (CBSE)	Sai Baba Central School	2010-2011 88.00 %