Kiranmayee Abbireddy

Lead Software Developer

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in Kiranmayee Abbireddy 🔗 Kiryee Portfolio 🐙 kiranmayee-abbireddy

🪪 PROFESSIONAL SUMMARY

Full Stack Developer and current Team Lead with 1 year of experience in building and scaling web applications at a startup. Skilled in Django, WebSockets, Docker, REST APIs, and full-stack development. Experienced in sprint planning, task assignments, PR approvals, and architecture design. Proven track record of delivering secure, scalable, and real-time applications, including bulk upload systems, real-time support platforms, encrypted content delivery, analytics dashboards, and SaaS tools.

✨ SOFT SKILLS

- Strong analytical and problem-solving abilities.
- Effective communication and teamwork skills.
- Time management and ability to meet deadlines.
- Adaptability and willingness to learn new technologies.

🎓 EDUCATION

BE Computer Science and Engineering,
Nehru institute of engineering and technology
2019 – 2023 | Coimbatore, India
8.2 CGPA

📃 CERTIFICATES

- Python Scientific Computing ⧉
- Python Data Structures ⧉
- Software Engineer ⧉

🧠 TECHNICAL SKILLS

Languages
Python, JavaScript, HTML5, CSS3, YAML, Java

Frameworks & Tools
Django, Chart.js, Highcharts, WebSockets, Docker, Git, SQLite
, PostgreSQL

Frontend Development
Responsive Design, UI/UX, CSS Animations, DOM Manipulation

Backend Development
RESTful APIs, Django Management Commands, Config Automation

Other Tools
GitHub, VS Code, Live Server, PyWebView

🌐 LANGUAGES

Telugu • English • Tamil

💼 PROFESSIONAL EXPERIENCE

Lead Software Developer, *Protekk Web Technologies LLP*　　September 2025 – Present / Remote
- *Lead architecture, sprint planning, task assignments, and PR approvals and code review for the Jnyanam platform.*
- *Designed core database models and provided initial implementations for new features and versions.*
- *Mentored junior developers and guided development best practices.*

Junior Software Developer, *Protekk Web Technologies LLP*　　January 2025 – September 2025 / Remote
- *Developed bulk upload system using management commands. Implemented course and content management system*
- *Built real-time support system with chat, audio, and screen sharing using WebSockets.*
- *Implemented interactive assessments and analytics dashboards with Chart.js and Highcharts.*
- *Integrated HLS playlists, encryption, and PyWebView-based desktop updates.*

Software Developer Intern, *Protekk Web Technologies LLP*　　October 2024 – January 2025 / Remote
- *Contributed to Django backend development and frontend feature implementation. Gained hands-on experience in full-stack workflows, debugging, and testing.*

📁 PROJECTS

LumiFlow, *Self-Care Productivity PWA* ⧉
Offline-first Progressive Web App for habit tracking, journaling, and task planning. Includes quick logging, reminders, analytics dashboards, and distraction-free UX.

Jnyanam Platform (Work Project), *Learning Management System*
Implemented bulk upload system (management commands + YAML). Developed real-time support features: chat, audio, and screen share via WebSockets. Built interactive assessments & analytics dashboards (Chart.js, Highcharts). Integrated secure content delivery with HLS playlists, encryption, and PyWebView app updates.

Docker Sketch, *Visual Docker Compose Designer* ⧉
Drag-and-drop interface to design services and export docker-compose.yml.

ColorSnap.dev, *Developer Palette Generator* ⧉
*Extracts palettes from screenshots, previews in light/dark mode, and generates Tailwind utilities*

BugJournal, *Developer Bug Tracker* ⧉
Searchable, taggable bug tracker to store solved issues and lessons learned.

Additional Projects
ChangeMap – Interactive changelog & roadmap visualization. DriftNotes – Minimalist distraction-free notes app. NopePad – Boundary-setting 'say no' tracker. SnipKit – Offline-first code snippet manager. Form Forge – Drag-and-drop form builder. Skill Tree – Visual roadmap for personal and professional growth. **More projects in portfolio.**

Games
Echo Speller ⧉ – Sound-based spelling challenge. *Paper Plane Wind Adventure* ⧉ – Navigate a paper plane through windy skies. *Bubble Fish* ⧉ – Catch fish using bubbles while avoiding poisonous ones. *Orbital Escape* ⧉ – Physics-based space adventure. *RunBit* ⧉ – Endless runner game.

📑 INTERNSHIP

Data structures using java and c++, *Faceprep*
Coimbatore, India
Interned in DSA, mastering Java and C++ for algorithm implementation. Developed efficient solutions, honing data structures and algorithm skills. Collaborated on challenging projects to enhance problem-solving abilities.

🎖 PROFESSIONAL ACHIEVEMENTS

- *Promoted to Lead Software Developer within 1 year at Protekk Web Technologies LLP.*

- *Independently built and deployed multiple SaaS tools and games across productivity, developer tooling, and edutainment.*

✏ DECLARATION

I hereby declare that the information provided in this resume is true and accurate to the best of my knowledge. I understand that any false statements may disqualify me from employment opportunities.