

Mouli Bheemaneti

Product Engineer

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 Hyderabad, IN

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SUMMARY

Product Engineer Professional with 4.5 years of experience, specializing in software development, UI/UX design, backlog grooming, and internal tools management. Effective communicator with cross-functional teams, holding a certification in Product Management from Duke University in collaboration with upGrad.

KEY SKILLS

Product Skills

Product Management, Requirement Gathering, Product Planning, Roadmap Development, MVP Development

Designing Skills

Wire-framing, UI/UX Designing, Prototyping, Figma, Canva

Development Skills

Web Development, VueJS, NuxtJS, ReactJS, HTML, CSS, TailwindCSS, SCSS, JavaScript, TypeScript, Cross Platform Development, Flutter, SQL, PostgreSQL, API Integration and Development, GitHub, Python, Shell Scripting, Github, Github Actions (CI/CD)

Soft Skills

Cross-functional Team Communication, Task Prioritisation, Time Management, Detail Oriented, Initiative, Adaptability

PROFESSIONAL EXPERIENCE

Software Engineer - Product

Mar '22 - Present

Narayana Educational Institution

Hyderabad, IN

- **Owned** nTransport end-to-end — requirements, dashboard design, development for **~3,000 vehicles** and **~2.5k GPS devices**
- **Translated** transport team requirements into a **product roadmap** and independently delivered iterative system enhancements.
- **Shadowed** 3 transport HODs to identify workflow pain points and translate them into a prioritised product roadmap
- **Developed** a real-time Vehicle Tracking System for **~3,000 vehicles**, centralizing fleet visibility through live tracking, and various reports
- Built the organization's **first GPS device inventory** across **~2.5k devices** with automated SIM and certification expiry alerts
- **Delivered** a cross-platform L&D platform for **~50,000 employees** with DRM-protected video and screenshot blocking
- **Created** a biometric attendance portal with an AI backend validating 3 image-quality failure modes (blur, low light, no face detected)
- **Shipped** gatepass feature across **3 user facing surfaces** - parent, principal, and security workflows to streamline campus pickup authorization
- **Launched** Reach Disha and Disha iCARE for on-demand wellness support with automated coach assignment
- **Engineered** an internal ticket-raising platform that **reduced** the company's external software **expenditure by 30%**
- **Spearheaded** the design and development of **7 modules** for a mobile application, ensuring seamless functionality and user experience
- **Directed** the end-to-end **development of 20+ modules** in a web application, driving efficient delivery and superior performance
- **Implemented** the full **lifecycle of 4+ modules** by gathering requirements, designing, and developing, ensuring timely and high-quality releases
- **Managed** a web application and admin panel with **over 40 modules**, overseeing development and maintenance to ensure operational excellence
- **Supervised** a team of **6 developers and 2 interns**, ensuring effective task delegation and smooth project execution
- **Maintained and optimized** applications **serving 40k+ MAU** across India within the organization, ensuring reliability and scalability
- **Initiated** internal dev tools development which reduced the module setup process **from 1 hour to 10 minutes** especially for web developers
- **Reviewed 150+ merge requests** over the past year, ensuring code quality across 6 major GitLab repositories
- **Preserved application stability** through rigorous code reviews and best practices for all the 6 major applications that I handled
- Guided the migration from Vue2 to Vue3, achieving a **25% code reduction** during the first 30% while meeting new requirements on time
- **Regulated design evaluations** and recommended changes, improving alignment and reducing design errors **by 15%**

Management Trainee

Sep '21 - Jan '22

NetAccess Pvt Ltd

Chennai, IN

- **Acquired** foundational knowledge of C# programming language and conducted research and development on Flutter applications, with a specific focus on Flutter web development.

Product Development Intern

Oct '20 - Jun '21

ImbueDesk ENS Pvt Ltd.

Chennai, IN

- **Assisted in UI/UX design** for over 3 product features, creating user-friendly interfaces that improved customer satisfaction by 20%
- **Designed 50+ custom icons** and visual assets, ensuring consistent branding for the mobile application

- **Allied with a development team** of 2 members to implement 3 major features and fix over 15 bugs, resulting in improvement in product stability
- **Transitioned to graphic design**, creating over 20 Instagram posts, banners, and event-related graphics that helped grow social media
- **Created 5+ motion graphics and animated videos** for pre-launch social media campaigns, effectively building anticipation for the product launch
- **Collaborated with content writers** on 5+ marketing assets, ensuring design consistency, which contributed to increase in content reach
- **Coordinated with the marketing team** to create a 2-month marketing calendar
- **Produced 5 promotional materials** (reels, posts, banners) for Instagram, to increase in social media impressions and engagement
- **Facilitated collaboration** with a team of 4 content and marketing members, aligning over 50 promotional campaigns with broader product goals

Product Development Intern

May '20 - Jul '20

NayaGaadi

(Remote) Bengaluru, IN

- **Partnered with 2 teammates** to build a cross-platform mobile app, expanding the startup's audience reach
- **Facilitated requirement gathering** sessions with the founder & CEO, to identify 3 core business needs for the lead-generating application
- **Drafted** one and only **user persona** to be targeted as per the business needs
- **Developed and deployed** the android application in the PlayStore **increasing** the audience by **10%**
- Outlined innovative strategies and roadmap for upcoming features utilizing **design thinking approach** and Google Docs

EDUCATION

Product Management PG Certification Program

Dec '23 - Nov '24

Duke Corporate Education & upGrad

Mumbai, IN

- User Design for 1-N Product | Prototyping | MVP + Usability Testing | Product Analytics | Product Planning
- Case Study on Spotify and PhonePe

Bachelor of Technology in Computer Science Engineering

Aug '17 - Jun '21

Indian Institute of Information Technology

Sricity, IN

- Worked on multiple projects like Garbage level detector, Earthquake predictor etc

CERTIFICATIONS

- **Certified Nuxt Master** | Vue School | March '24
- **Time Management Techniques** | upGrad | Feb '24
- **SQL Basic** | HackerRank | Dec '21
- **UI/UX Design** | Internshala | Sep '21
- **Creative Writing** | Internshala | Sep '21

VOLUNTEER EXPERIENCE

- Content Writer and Designer in GTET Internal Newsletter. - 2023

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Telugu, Tamil (Basic)
- **Interests:** Badminton, Swimming, Reading Books, Producing Music