

TUSHYENT N P

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EDUCATION

- Sri Sivasubramaniya Nadar College of Engineering** Chennai, India
Bachelor of Engineering – Computer Science & Engineering | CGPA: 8.493 / 10 (As of 3rd Semester) 2024 – 2028
- Sri Vijay Vidyalyaya Matriculation Higher Secondary School** Hosur, India
Class 10: 94.60% | Class 12: 96.83% 2021 – 2024

WORK EXPERIENCE

Software Development Engineer Intern | [DreamPi](#), Chennai, India Apr 2026 – Present

- Contributed to 5+ **production-grade features** across **healthcare, education, and SaaS AI-powered products** (Next.js, TypeScript, Supabase) within an **agile, cross-functional team of engineers**, driving each through design, testing, debugging, and deployment
- Wrote high-quality, **object-oriented code** and caught/resolved edge-case failures in **authentication, payment, and AI pipelines** before client-facing releases, cutting post-deployment hotfixes through rigorous testing and debugging
- Applied **abstract problem-solving and analytical reasoning** to architect and ship features across multiple concurrent client engagements, consistently meeting sprint deadlines in a high-velocity startup environment
- Presented technical solutions directly to **founders/stakeholders**, translating ambiguous, fast-changing B2B/B2G requirements into clear technical specs and production-ready implementations

Product Lead & Frontend Developer | [BytesBrush](#), Remote Nov 2025 – Present

- Partnered with a **pod of developers and designers** to own end-to-end **product workstreams** for client projects – gathering requirements, defining scope, and building a **prioritized task backlog** aligned to business goals and delivery timelines
- Led **design iteration cycles**, running **usability testing and UX reviews** on **wireframes and mockups** (Figma), and applying **candid client feedback** to continuously refine product experiences before release
- Executed **client design sessions**, presenting product/design concepts to align stakeholders on direction, while coordinating and delegating tasks across the team and taking ownership of delivery across concurrent engagements

TECHNICAL SKILLS

- Languages:** Java, Python, C/C++, JavaScript, TypeScript, SQL
- Frameworks:** React.js, Next.js, Node.js, Express.js, REST APIs, Spring Boot, Tailwind CSS
- Databases:** MongoDB, Supabase, PostgreSQL, Oracle SQL, MySQL
- DevOps & Tools:** Git, Github, Docker, Redis, Postman, Vercel, Render, CI/CD, Microservices, AWS
- Product, Design & AI:** Figma, Canva, Wireframing, UX/Usability Reviews, Feedback-Driven Iteration, Gemini API, Prompt Engineering
- Core CS concepts:** Data Structures & Algorithms, Object-Oriented Programming, Database Management System, Operating Systems, Computer Networks

PROJECTS

- TakeUForward – Campus Mentorship & Placement Community Platform** [Github](#) | [Link](#)
Technologies: React/Vite | Node.js | Express.js | MongoDB Atlas | Passport.js | AWS S3 | Gemini API
 - Architected and shipped a **3-phase, 30+ feature MERN platform** unifying academic resources, placement mentorship, and campus utilities for **4 distinct user roles** (student, alumni, club admin, platform admin)
 - Designed **domain-restricted Google OAuth** (Passport.js) for student verification and cryptographic alumni invite links, plus a strict anonymity engine that strips authorId server-side across all posts, comments, and DMs
 - Ran **usability testing** and design-review sessions with peer beta-testers, iterating **UX/UI mockups** and flows based on direct, candid **feedback**, including an auto-moderation system and a real-time notification engine
- EventsOfSSN – Campus Event Discovery Platform** [Github](#)
Technologies: Next.js | Supabase | Google OAuth | Automated Email/Reminders
 - Developed and have maintained a live campus event-discovery platform for **over a year**, growing average per-event participation by around **85%** by consolidating **20+ clubs** postings into a single source of truth
 - Replaced fragmented Instagram/WhatsApp based event discovery with a centralized platform now used by **1,400+ students**, tracking **15+ monthly events** through a club-admin approval queue that filters spam and fake postings
 - Iterated the registration flow based on club-admin **feedback** and automated confirmation/deadline-reminder notifications, cutting missed-deadline complaints from club admins

ACHIEVEMENTS

- Grand Finalist in Hackathons:** SNUC Hacks'26, Hack2TechSustain'25, Technoverse'26. [Link](#)
- Think-a-thon:** Secured **1st Place** for visual storytelling and creative **design** under a strict theme and time constraint.
- Decode-Me:** Secured **2nd Place** (Rs. 2,000) in a cryptography-based decoding challenge under time pressure.
- Web Replica Relay:** Secured **2nd Place** recreating pixel-perfect **UI/UX clones** of live websites within a strict time limit.
- Prompt With Partners:** Secured **2nd Place** in a collaborative **AI/LLM prompt-engineering** contest for rapid feature/code generation.
- SSN GDG CTF:** Secured **2nd Place** in a Capture-the-Flag spanning cryptography, web exploitation, and reverse engineering.
- Smart India Hackathon 2025:** Ranked in **Top 50 teams** in the SIH Internal Hackathon at SSNCE.

LEADERSHIP & EXTRACURRICULAR

- Deputy Lead, SSN Coding Club:** Organized events, workshops, and hackathons; mentored more than **120+ students**.
- Organizer, ImpactNexus'26 Hackathon:** Coordinated planning and on-ground execution for a college-level hackathon.
- Volunteer, Invente'25:** Contributed to the execution of SSN's annual national-level technical symposium.
- Technical Team, SSN ACM & IEEE Photonics Society:** Developed websites for club events and technical showcases.
- Core Committee Member in SSN ACM-W, IEEE WIE, IEEE PES:** Designed event posters and visual branding materials for club events.