

# JNANESH

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*Full Stack Developer solving real-world problems through technology.*

## EXPERIENCE

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| <b>Software Developer Intern</b><br><i>UDAL DC Fellowship, Wenlock Hospital</i>                                                                                                                                                                                           | Aug 2025 – Dec 2025<br><i>Mangalore, Karnataka</i>  |
| <ul style="list-style-type: none"><li>Built a system that powers 72 hospital screens with real-time updates for the blood bank, OT and pharmacy.</li></ul>                                                                                                                |                                                     |
| <b>Freelance Software Developer</b><br><i>BillMaxo Solutions</i>                                                                                                                                                                                                          | Jan 2025 – Jun 2025<br><i>Remote</i>                |
| <ul style="list-style-type: none"><li>Built a <b>WhatsApp Marketing API</b> automating customer outreach for <b>50+</b> restaurants.</li><li>Developed tools to collect restaurant menus, ratings, and order data from food platforms to improve POS solutions.</li></ul> |                                                     |
| <b>Freelance Backend Developer</b><br><i>Kreekarvat Technologies</i>                                                                                                                                                                                                      | Nov 2024 – Mar 2025<br><i>Remote</i>                |
| <ul style="list-style-type: none"><li>Delivered 3 client websites, improving load speed by 40% and generating 5,000+ organic visitors..</li><li>Automated <b>event-triggered emails</b> by integrating Nodemailer, Gmail API, and UiPath.</li></ul>                       |                                                     |
| <b>Full Stack Developer Intern</b><br><i>A.J. Institute of Medical Sciences and Research Center</i>                                                                                                                                                                       | Sept 2023 – Aug 2024<br><i>Mangalore, Karnataka</i> |
| <ul style="list-style-type: none"><li>Digitized faculty evaluations for <b>200+</b> faculty members by developing a full-stack Faculty Appraisal Forum.</li></ul>                                                                                                         |                                                     |

## PROJECTS

- SignFlix** | *Next.js, TypeScript, Node.js, Express, Azure, Google Gemini API, ffmpeg, RabbitMQ, Redis, Docker*
- Built an **accessible streaming platform** with **sign language** support for the deaf and hard-of-hearing.
  - Implemented captions to ASL conversion microservices using **rabbitmq, redis, docker** etc which improved the performance by 2x.
- Aakar 2025** | *Next.js, Tailwind CSS, PostgreSQL, Shadcn UI, Prisma ORM, TypeScript, JavaScript*
- Contributed to the development of AJIET's state-level techno-cultural fest platform as part of the Web Development team.
  - Developed key modules for a full-stack event management system, including registration flows, schedules, email notification and participant management.
- EZOrder** | *React, Node.js, Express.js, MongoDB, Redis, Socket.io, Tailwind CSS, Docker*
- Developed a **real-time food ordering web app** with instant order updates using **WebSockets and Socket.io**.
  - Built a performant **Express.js backend** with Redis caching and Docker-based containerization for scalability.

## SKILLS

**Languages:** JavaScript, TypeScript, Python, C/C++, SQL  
**Frontend:** React, Next.js, Tailwind CSS  
**Backend:** Node.js, Express.js, NestJS, FastAPI, Socket.io, Auth.js, Prisma ORM  
**Databases:** MongoDB, Postgres, Redis  
**Cloud & DevOps:** Docker, Azure Blob/Queue, AWS, GitHub Actions  
**Tools:** Git, GitHub, Postman, Firebase, Supabase, Figma, Puppeteer, UiPath  
**Soft Skills:** Problem-solving, Teamwork, Leadership, Collaboration, Quick Learning

## ACHIEVEMENTS

- Received the **‘Siri Chavadi Puraskara 2022’** award from the Karnataka Tulu Sahitya Academy for contributions to the Unicode proposal for the Tulu script.
- Received **multiple honors** for developing tools to help preserve and promote the Tulu script.
- Conducted workshops** on Git, GitHub, MongoDB and UiPath, mentoring peers on industry practices.
- Won multiple college and inter-college coding competitions & hackathons including a hackathon conducted by **Microsoft**, demonstrating strong problem-solving skills.

## EDUCATION

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| <b>A J Institute of Engineering and Technology</b><br><i>B.E. in Computer Science and Engineering</i> | Oct 2022 – May 2026<br><i>Mangalore, Karnataka</i> |
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