Shah Shashishekhar

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Education

Birla Vishvakarma Mahavidyalaya College of Engineering   Anand, Gujarat, India
B.Tech in Computer Engineering | 2022 - 2026 | CGPA: 8.84/10

Shri Sharda Vidyamandir School of Science   Surat, Gujarat, India
Higher Secondary | 2020 - 2022 | Percentage: 85%

Work Experience

Technical Head, BYTE Club (Oct 2023 - Present)
- Led a 15-member team to organize **ByteQuest** & **CodeZest**, increasing event participation by 30%. Designed contest problems and managed end-to-end execution, boosting audience engagement by 50%. Mentored **50+ students** in full-stack development and problem-solving.

Tech Manager, GeeksForGeeks Club (Sept 2023 - Present)
- Organized tech events like **CyberGeek** & **MeetWithGeek**, attracting 100+ participants.

IPR Head, SSIP 2.0 (Oct 2024 - Present)
- Led intellectual property rights (**IPR**) awareness programs, educating students on patents & copyrights.

Skills

- **Frontend**: React.js, React Native, Next.js, React Context API, JavaScript, HTML, CSS, TailwindCSS
- **Backend**: Node.js, Express.js, REST APIs, WebSockets, Peer.js, Firebase, Drizzle ORM
- **Databases**: MongoDB, NeonDB, Mongoose, PostgreSQL
- **DevOps & Tools**: Git, GitHub, Gemini AI
- **Programming**: JavaScript, TypeScript, C/C++, C#
- **Other Skills**: Problem-solving, Agile Development, Debugging

Projects & Contribution

AI PrepMate (NextJs, PostgreSQL, Gemini API)
- Developed an AI-powered mock interview platform that provides real-time feedback and ratings based on user responses.
- Integrated Google Gemini API to analyze candidate answers and generate AI-driven assessments.
- Designed a clean, user-friendly interface using Tailwind CSS, ensuring a seamless experience.
- Optimized database queries using PostgreSQL & Drizzle ORM, reducing query response time by 40%.
- **GitHub:** https://github.com/sashi59/AI-Prepmate

StudyOn LMS (MERN Stack, Razorpay, Multer, Render)
- Developed a full-fledged Learning Management System (LMS) where students can purchase & stream courses seamlessly.
- Integrated Razorpay payment gateway, reducing payment failures by 40% through secure transactions.
- Designed an admin panel for managing courses, lectures, and users, enabling smooth operations.
- Implemented OTP-based authentication for students and instructors, ensuring robust security.
- **GitHub:** https://github.com/sashi59/Git-Studi-On

Twitch - Social Media Web App (MERN Stack, Socket.io, Cloudinary)
- Built a scalable social media app with real-time chat using Socket.io.
- Integrated secure authentication and AWS Cloudinary for media uploads.
- Achieved 80% faster chat updates compared to traditional polling methods.
- Admin Account: Email: jacojih255@mowline.com | Password: jaco123
- **GitHub:** https://github.com/sashi59/Twitch-Social-Media-App

Zudogle - Video Call App (Nodejs, Express, EJS, Peerjs/Socket.js)
- Built a real-time video calling platform supporting multi-user video conferencing using Peer.js & WebRTC.
- Implemented room-based calling system with unique shareable links for easy access. Integrated Socket.io for instant signaling, ensuring a low-latency experience even with multiple users.
- **GitHub:** https://github.com/sashi59/Zudogle---English-guide

Certifications & Achievements

- Solved 130+ LeetCode problems, strengthening algorithmic thinking and data structures expertise. Active participant in coding contests & hackathons, refining real-world problem-solving skills.
- Passionate about fitness & strength training, actively engaging in arm wrestling & gym workouts to enhance physical endurance and discipline.