SHASWAT KUREEL

Ankleshwar, Gujarat, India

+91-7862008920 | kureelshaswat1@gmail.com | linkedin.com/in/shaswatkureel | github.com/syntax-error002

Professional Summary

Second-year Computer Engineering student (SGPA: 9.92/10) and experienced full-stack developer with 11 months of freelance experience in Kotlin and React.js. Founded Studify, serving 400+ users with 92% retention. Completed professional internships at CodeAlpha and Social WoC. State Lead at Elite Coders Gujarat, mentoring 100+ developers. 7× national hackathon finalist with proven expertise in full-stack development, AI integration, and mobile applications. Passionate about leveraging technology for educational impact and community development.

Education

UPL University of Sustainable Technology   **Jun 2024 - May 2028**
Bachelor of Engineering in Computer Engineering - SGPA: 9.92/10   *Ankleshwar, Gujarat*
- Recognized as Best Student of the Year 2024 and awarded Gold Medalist distinction for academic excellence
- Leading Competitive Coding Platform (CCP) and Tech Community initiatives, driving engagement for 200+ students
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Web Technologies, Operating Systems, Discrete Mathematics

Jawahar Navodaya Vidyalaya   **2018 - 2024**
Higher Secondary Education - Science (Mathematics)   *India*
- Qualified JEE Mains and IAT entrance examinations, demonstrating strong foundation in mathematics and analytical reasoning

Technical Skills

Languages: C++, Java, Python, JavaScript, Kotlin, Dart, SQL, HTML, CSS
Frontend: React.js, Next.js, Flutter, Tailwind CSS, Bootstrap, Material-UI, Responsive Design
Backend: Node.js, Express.js, FastAPI, Spring Boot, REST APIs, GraphQL, Microservices
Databases: MongoDB, PostgreSQL, MySQL, Supabase, Firebase Firestore
Cloud and DevOps: AWS, Google Cloud Platform, Firebase, Docker, Git, GitHub, GitLab, CI/CD Pipelines
AI and ML: TensorFlow, PyTorch, OpenCV, YOLOv8, GenAI APIs (GPT-4, Gemini), Langchain, Computer Vision
Tools and Methodologies: Agile, Scrum, System Design, Data Structures, Algorithms, Version Control

Experience

Fullstack Developer (Freelance)   **Jan 2025 - Nov 2025**
Remote (Kotlin-based Projects)   *Remote, India*
- Delivered 8+ full-stack applications for diverse clients using Kotlin, React.js, and modern web technologies, achieving 100% client satisfaction and repeat business rate
- Architected scalable backend systems with Kotlin and Spring Boot, handling 50,000+ daily requests with optimized performance and security best practices
- Developed responsive frontend interfaces using React.js and Material-UI with attention to user experience, reducing bounce rates by 40% across client projects
- Managed complete project lifecycle from requirement gathering to deployment through effective client communication, delivering all projects on time and within budget
- Implemented CI/CD pipelines and automated testing frameworks, reducing deployment time by 60% and improving code reliability

Founder and Chief Executive Officer   **Nov 2024 - Present**
Studify (AI-Powered EdTech Platform)   *Remote, India*
- Architected and launched full-stack EdTech platform, scaling to 400+ active users with 92% retention within 3 months through strategic product development, innovative problem-solving, and user-centric design
- Integrated GPT-4 and Gemini APIs to deliver personalized learning paths, reducing average study time by 35% and improving test scores by 28% through analytical decision-making and data-driven optimization
- Engineered scalable backend using Node.js, Express.js, and MongoDB to handle 10,000+ daily API requests with 99.5% uptime and sub-200ms response times, demonstrating technical excellence and attention to detail
- Led cross-functional team of 5 developers through Agile sprints with strong leadership and collaboration, delivering 12+ feature releases and achieving 250% month-over-month user growth
- Established strategic partnerships with 6 educational institutions across Gujarat through effective communication and negotiation, converting 45% of demo participants into active users

State Lead for Gujarat   **Dec 2024 - Present**
Elite Coders Winter of Code   *Gujarat, India*

- Spearheaded statewide open-source initiative, mentoring 100+ developers across 8 institutions with strong interpersonal skills and increasing student participation by 40% through strategic outreach and community building
- Orchestrated 15+ technical events including coding bootcamps, hackathons, and workshops through effective project management, training 150+ students in React, Flutter, and modern development practices
- Coordinated 5 open-source projects with 200+ contributions, improving code quality standards by 35% and reducing average PR review time by 40% through clear communication and mentorship
- Cultivated strategic partnerships with local tech communities and institutions through relationship building and stakeholder management, expanding program reach by 60% across Gujarat

Campus Lead   **Aug 2024 - Present**
AlgoZenith   *India*
- Mentored 50+ peers in competitive programming with patience and adaptability, achieving 70% improvement in problem-solving capabilities through structured curriculum and personalized coaching
- Organized 10+ coding contests with 200+ participants, increasing community engagement by 30% through effective event planning and promotional strategies
- Facilitated 20+ mock interview sessions and code reviews with constructive feedback and attention to detail, directly contributing to 15 successful campus placements in top tech companies
- Developed comprehensive DSA curriculum covering advanced topics through curriculum design and pedagogical expertise, benefiting 80+ students in technical interview preparation

Technical Mentor   **Jan 2025 - Present**
Social Winter of Code (SWoC)   *Gujarat, India*
- Guided 30+ student developers in open-source contributions across React, MongoDB, and Tailwind CSS projects with empathy and technical expertise, increasing contributor retention by 25%
- Reviewed and merged 100+ pull requests while maintaining code quality standards through meticulous attention to detail and constructive feedback, enabling 40% faster release cycles
- Conducted 8 structured mentorship sessions on Git workflows, code review practices, and collaborative development with strong presentation skills, improving team productivity by 35%
- Streamlined project documentation and onboarding processes through clear written communication and organizational skills, reducing new contributor ramp-up time from 2 weeks to 5 days

Frontend Developer Intern   **Nov 2024 - Dec 2024**
CodeAlpha   *Remote, India*
- Developed multiple production-ready web applications using modern frontend technologies including React.js, HTML5, CSS3, and JavaScript during 2-month intensive internship
- Created real-world projects focused on improving user experience and functionality, demonstrating proficiency in responsive design and cross-browser compatibility
- Implemented Search Engine Optimization (SEO) best practices and Firebase integration, improving application performance and search rankings
- Collaborated with team members through code reviews and pair programming with strong communication skills, enhancing code quality and learning industry best practices
- Successfully completed internship delivering 5+ projects on schedule, earning recognition for technical skills and professional work ethic

Projects

AerialSense - Real-Time Wildlife Surveillance | *Python, OpenCV, YOLOv8, TensorFlow*   **Sep 2024 - Present**
- Engineered real-time animal detection system achieving 94% accuracy on drone footage through innovative algorithm development, enabling autonomous wildlife monitoring in 3 protected reserves across Gujarat
- Developed CNN-based preprocessing pipeline with optimized performance, reducing detection latency by 60% to process 30 FPS video streams in real-time
- Implemented optimized inference on edge devices (Jetson Nano) through technical problem-solving, reducing deployment costs by 75% compared to cloud-based solutions
- Created intelligent alert system triggering notifications for endangered species detection, resulting in 12 successful early interventions by forest officials and contributing to wildlife conservation efforts

KrishiX - Comprehensive AgriTech Mobile Application | *Flutter, Dart, Firebase, FastAPI, ML* **Aug 2024 - Dec 2024**
- Architected feature-rich farming super-app with 13+ integrated modules through full-stack development expertise, deployed to 1,000+ farmers across Gujarat and reducing crop loss by 30%
- Built AI-powered crop disease detection achieving 89% accuracy through ensemble learning and iterative model refinement, enabling early diagnosis and treatment
- Implemented multilingual chatbot (5 Indian languages) using NLP with focus on user experience, increasing accessibility and driving 45% higher engagement among non-English speaking farmers

- Integrated IoT sensors for real-time soil monitoring and live market data APIs through API development, providing actionable insights that improved yield by average 22%
- Developed digital ledger (khata) and government scheme checker with intuitive UI/UX design, streamlining financial management and increasing scheme adoption by 40%

Crop Health Diagnosis Application | *React Native, Python, FastAPI, OpenCV, PostgreSQL*   **May 2024 - Jul 2024**
- Developed cross-platform mobile app for crop health analysis with focus on scalability, processing 5,000+ daily diagnostic requests with 91% disease detection accuracy
- Built RESTful API architecture with FastAPI through backend optimization, achieving response times under 2 seconds for complex image processing and diagnosis
- Designed PostgreSQL database schema with indexed queries through database optimization, storing 10,000+ diagnostic records and achieving 40% faster data retrieval
- Implemented ensemble ML model combining 3 algorithms (CNN, ResNet, MobileNet) through machine learning expertise, improving accuracy by 15% over single-model approach

Awards and Achievements

- Secured Top 10 position in national PU Hackathon among 500+ participants, recognized for innovative AgriTech solution and technical excellence
- Selected as Grand Finalist in 7 prestigious national hackathons through rigorous multi-round technical and presentation evaluations demonstrating consistent performance
- Earned 2 Gold Medals for exceptional academic performance, recognized as Best Student of the Year 2024 at UPL University, and awarded Runner-Up Best Student 2024
- Achieved outstanding SGPA of 9.92/10 in Computer Engineering program, ranking in top 1% of cohort through dedication and consistent effort
- Successfully completed 3 professional experiences including 2 technical internships (CodeAlpha, Social WoC) and 11-month freelance engagement, receiving commendations for code quality, teamwork, and professional communication
- Appointed Student Ambassador for CampusCrew, AlgoZenith, and Elite Coders, reaching 500+ students through community engagement and leadership initiatives
- Contributed 50+ merged pull requests to open-source programs including Elite Coders and Winter of Code initiatives, demonstrating collaboration and technical proficiency

Certifications

- Completed Microsoft Azure: Build a Computer Vision App with Azure - Hands-on certification demonstrating proficiency in Azure AI services and computer vision implementation
- Earned Microsoft Azure AI Fundamentals - Comprehensive training in Azure Cognitive Services, Machine Learning principles, and cloud-based AI deployment
- Completed Goldman Sachs Controllers Job Simulation (Forage, Nov 2025) - Gained practical experience in financial controls, data analysis, and business operations
- Achieved Search Engine Optimization (SEO) with Squarespace - Digital marketing certification focused on SEO strategies and website optimization techniques
- Completed AI-Powered Automation: Create Lead Generation Chatbot using Chatfuel - Demonstrated skills in conversational AI implementation and automation

Leadership and Community Involvement

- Leading CCP and Tech Community initiatives at UPL University with strong organizational skills, organizing 12+ workshops and fostering peer learning environment for 200+ students
- Mentoring developers in Script Winter of Code (SWOC) and Elite Coders programs with patience and technical expertise, guiding best practices in open-source development and collaborative coding
- Advocating for technology-driven social impact through civic tech projects with passion and commitment, focused on digital governance and educational accessibility initiatives
- Delivered 10+ technical presentations on web development, AI integration, Flutter, and competitive programming with strong public speaking skills at campus and community events
- Built extensive network across Gujarat tech ecosystem through relationship building and active participation in developer meetups, hackathons, and student conferences