Aditya Subhash Kini

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Education

Syracuse University, Syracuse, NY   *Expected May 2026*
Master of Science in Computer Science   GPA: 3.60/4.00
University of Mumbai, Mumbai, India   *May 2023*
Bachelor of Engineering in Computer Engineering   GPA: 3.56/4.00

Professional Experience

Software Developer Intern | iConsult Collaborative, Syracuse University, USA   *Mar 2025 – Present*
Tech Stack: React.js, Node.js, Express.js, MongoDB, Figma, AWS, Firebase

- Rebuilt the React.js onboarding flow to resolve performance issues, modularizing components and raising user engagement by 25%.
- Implemented Firebase Authentication to stabilize user sessions, adding token refresh logic that reduced login errors by 30%.
- Integrated Firebase services and REST APIs through modular design, improving deployment efficiency and scalability by 40%.

Software Developer | RK Broadband, India   *Apr 2022 – Jun 2024*
Tech Stack: React.js, Node.js, Express.js, MongoDB, REST APIs, JavaScript, HTML, CSS, Git

- Designed and developed a full-stack web application using React.js and Node.js/Express.js with modular architecture and RESTful design principles.
- Implemented secure authentication and authorization with admin-controlled user provisioning, session management, and credential validation.
- Built and optimized REST APIs and database schemas to manage users, billing records, and service states with CRUD operations.
- Integrated UPI-based payment workflows with backend verification and real-time transaction synchronization for automated service activation.

Cloud Intern | AWS Academy (SLRTCE), India   *Jul 2022 – Aug 2022*
Tech Stack: AWS EC2, S3, RDS, Lambda, CodePipeline, CloudFormation, CI/CD

- Completed hands-on training in AWS Cloud Services, focusing on secure deployments, resource optimization across all Services.
- Deployed a three-tier blog application on AWS using CloudFormation and WordPress with S3 storage and Lambda automation.
- Implemented CI/CD pipelines via CodePipeline and S3 lifecycle policies, reducing deployment time by 50% , storage costs by 30%.

Skills

Professional Certifications: AWS Certified Developer - Associate, AWS Academy Cloud Foundations
Programming Languages: Python, C/C++, Java, JavaScript, PHP, SQL, NoSQL, HTML, CSS, SASS, Bash Script
Frameworks & SDKs: React.js, Next.js, Node.js, Express.js, Flask, Bootstrap, Tailwind CSS, Socket.IO
Cloud & DevOps Tools: AWS, Firebase, Docker, Git/GitHub, Postman, REST APIs, CI/CD Pipelines
AI/ML & Data: TensorFlow, PyTorch, Pandas, NumPy, Scikit-learn, NLP, GenAI, Ollama
Networking & Security Tools: Wireshark, Nmap, Burp Suite, Cisco Packet Tracer, Firewalls, Network Monitoring

Projects

KiniBot – Real-Time Code Collaboration with Built-In AI
Tech Stack: React.js, Next.js, Node.js, Express.js, Socket.IO, Python, C/C++, Java

- Built a real-time collaborative IDE enabling multi-user coding with<200 ms latency through Socket.IO and synchronized sessions.
- Integrated Ollama-based AI assistant for live code debugging and summarization, reducing average error resolution time by 60%.
- Developed a secure browser compiler supporting Python, Java, and C/C++ with shared real-time outputs across connected users.
- Delivered a full-stack system combining React/Next.js frontend and Node/Express backend for consistent real-time performance.

CleanClick – Eco-Conscious Social Platform for Sharing Sustainable Products and Building Green Communities
Tech Stack: React.js, Node.js, Express.js, MongoDB, AWS

- Built a MERN platform for direct eco-product sharing, removing intermediaries and promoting transparent commerce.
- Used AWS for image storage and product metadata handling, improving efficiency and response time by ∼20% .
- Implemented secure JWT and Google OAuth authentication with role-based access and smooth multi-user interactions.

AI Research Paper Scraper & Knowledge Graph System
Tech Stack: Python, Flask, Streamlit, Neo4j, OpenAI API

- Built an AI-driven web app using Flask and Streamlit to fetch and summarize IEEE and arXiv papers via keyword-based search.
- Applied TF-IDF and entity extraction to construct a Neo4j knowledge graph visualizing topic connections across research domains.
- Integrated OpenAI APIs for intelligent summarization and deployed dashboards for real-time discovery and trend visualization.