

# ARCHIT JAIN

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## PROFESSIONAL SUMMARY

Results-driven Full Stack Developer & AI Engineer with 1+ year of experience shipping production-grade web applications and ML systems. Proficient in React, Next.js, Node.js, Python, and TypeScript with deep NLP and cloud ML deployment expertise. Delivered AI-powered solutions that eliminated 15+ hours of weekly manual workload and accelerated recruiter efficiency by 60%. Recognized national hackathon winner with a strong foundation in scalable architecture, predictive analytics, and end-to-end ML pipeline deployment.

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, C++, SQL **Frontend:** React.js, Next.js, HTML5, CSS3, Tailwind CSS, Streamlit  
**Backend:** Node.js, Express.js, Flask, Django, REST APIs **Databases:** MongoDB, MySQL, PostgreSQL, BigQuery  
**AI/ML & Cloud:** TensorFlow, PyTorch, Scikit-learn, spaCy, OpenCV, AWS SageMaker, NLP, K-means Clustering  
**DevOps & Tools:** Docker, Git, GitHub, Kubernetes, Terraform, CI/CD, AWS, Postman

## WORK EXPERIENCE

- Full Stack Engineer** | *F1jobs.io (NeuraScribe Inc), Austin, TX* Oct 2025 – Present
- Architected scalable web applications using React.js, Node.js, and MongoDB, increasing user retention by 28% and serving 2,000+ active users within the first quarter of launch.
  - Engineered AI-driven resume enhancement pipelines leveraging NLP and spaCy, eliminating 15+ hours of weekly manual candidate screening for 50+ HR teams.
  - Constructed portfolio generators and GitHub optimization tools with Next.js, driving a 35% uplift in interview callbacks across 500+ client profiles.
  - Optimized API architecture and deployment workflows, reducing average page load time by 66% (3.2s to 1.1s) and improving SEO rankings by 40%.
- AI Solutions Development Intern** | *Protechmind Solutions Pvt Ltd, Noida* May 2025 – Aug 2025
- Designed and deployed 4 AI-powered automation solutions using Python and TensorFlow, cutting task completion time by 30% across 3 departments.
  - Built predictive analytics models processing 10,000+ data records, improving forecasting accuracy by 22% and enabling data-driven decision-making.
  - Integrated AI modules into 3 existing enterprise systems through cross-functional collaboration, boosting overall operational efficiency by 18%.
- Applied Machine Learning Intern** | *Narrato Pvt. Ltd., Remote* Sep 2024 – Dec 2024
- Developed data extraction and preprocessing pipelines for 50,000+ text records, improving ML data readiness by 35% and reducing manual cleaning time by 40%.
  - Implemented NLP-based text analysis modules for keyword extraction, content categorization, and similarity scoring, enhancing discoverability by 25% across 10,000+ documents.
  - Automated content management workflows integrated into client-facing platforms, cutting operational effort by 20% and saving 12+ hours weekly for marketing teams.

## PROJECTS

- Sentiment Analysis WebApp** | *Python, AWS SageMaker, Flask, NLP*
- Deployed an end-to-end sentiment analysis pipeline on AWS SageMaker achieving 92% accuracy across 15,000+ customer reviews with auto-scaling cloud architecture handling 1,000+ daily API requests at 99.7% uptime and sub-200ms response latency.
- SmartBlog-AI** | *JavaScript, React, Node.js, OpenAI API*
- Created an AI-powered blog platform with GPT-based content generation, reducing article drafting time by 79% (2 hrs to 25 min) and boosting organic search traffic by 45% with a Google PageSpeed score of 94/100 for 200+ beta users.
- AI Resume Shortlisting Tool** | *Python, Flask, spaCy, Scikit-learn*
- Programmed an NLP screening tool using TF-IDF and cosine similarity, slashing recruiter screening time by 85% (5 min to 45 sec per resume) and improving candidate-job fit accuracy by 25% across 3,000+ profiles with a real-time hiring dashboard.
- AI Wardrobe Stylist** | *Python, OpenCV, Streamlit, K-means*
- Fabricated an outfit recommendation engine leveraging K-means clustering with weather/calendar API integration, cutting daily outfit selection time by 87% (15 min to under 2 min) and achieving 85% user satisfaction among 150+ beta testers.

## EDUCATION

**Bachelor of Technology – Computer Science** | Amity University, Noida Sep 2022 – Apr 2026  
**Relevant Coursework:** Data Structures, Algorithms, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Database Management Systems

## CERTIFICATIONS

Model Context Protocol: Advanced Topics & Introduction (Anthropic) | AWS Cloud Essentials (Amazon Web Services) | Generative AI Fundamentals (Google) | Machine Learning with Python (IBM) | Introduction to Cybersecurity (Cisco) | Python with Data Science (IIT Madras)

## ACHIEVEMENTS

- Secured 1st Place (out of 150 teams) at Cyber Cup 5.0 National Hackathon, Amity University Noida (2025), demonstrating expertise in cybersecurity and rapid prototyping under competitive pressure.
- Achieved 3rd Place (out of 160 teams) at Cyber Cup 4.0 National Hackathon, Amity University Noida (2024), showcasing strong problem-solving and team collaboration skills across multi-round technical challenges.