Satyen Sharma

Assam, India

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Professional Summary

B.Tech Computer Science graduate with hands-on experience in **Full Stack Development, Machine Learning, and Data Analytics**. Proven ability to build real-world web applications using React.js, Node.js, and MongoDB, while applying ML techniques for time series forecasting, NLP, and fraud detection. Strong foundation in SDLC, API integration, and version control. Eager to contribute technical skills and problem-solving abilities to a high-growth engineering team.

Education

The Assam Kaziranga University — Assam, India
B.Tech in Computer Science & Engineering; CGPA: 7.59 — *2022 – 2026*

AHSEC & SEBA — Assam, India
Higher Secondary & Matriculation

Technical Skills

Programming Languages: Python, JavaScript, Java
Web Technologies: HTML5, CSS3, React.js, Node.js, Express.js, FastAPI, REST APIs **Databases:** MongoDB, SQL (Basic)
Machine Learning: Supervised & Unsupervised Learning, Clustering (K-Means, DBSCAN, GMM), NLP, Time Series Forecasting
Data Analysis & Visualization: Pandas, NumPy, Power BI, Data Cleaning **Tools & Platforms:** Git, GitHub, AWS (Basic)

Work Experience & Internships

Future Interns — Remote
Full Stack Web Development Intern — *Jul 2025 – Aug 2025*

- Completed a 1-month intensive internship building **real-world web applications** using **HTML, CSS, JavaScript, React.js, Node.js, and MongoDB**.
- Developed responsive user interfaces and backend logic; used **Git for version control** and successfully delivered project milestones.
- Received **recommendation letter** for outstanding performance and timely delivery.

Zidio Development — Remote
Data Science & Analytics Intern — *May 2025 – Aug 2025*

- Worked on **time series forecasting, NLP-based chatbot development, and ML-driven fraud detection** projects.
- Applied supervised and unsupervised learning techniques to analyze datasets and improve model performance.
- Collaborated with cross-functional teams to optimize models and present **data-driven insights**.

Assam Electronics Development Corporation Ltd. (AMTRON) — Guwahati, Assam
Data Science & Web Application Development Intern — *Dec 2024*

- Built web applications with **API-integrated frontend and backend**, enabling real-time inventory updates and secure data handling.
- Followed **SDLC best practices** and application security standards throughout development lifecycle.

Eisystems Technologies Remote

Website Design & Development Intern *Jul 2024 – Aug 2024*

- Developed and deployed a **responsive e-commerce website in under 10 days** using HTML, CSS, JavaScript, React.js, Node.js, and Express.js.
- Implemented **100+ product listings** and simulated transaction workflows for demonstration.

Projects

Text-to-3D Generation System | *Shap-E, FastAPI, React, Three.js*

- Developed a **real-time Text-to-3D AI system** using OpenAI's Shap-E, FastAPI backend, and React frontend with Three.js visualization.
- Generated **textured 3D models** from text prompts with interactive web-based visualization and rotation controls.

AI Text-to-Website Generator | *React, Node.js, Express.js, Google Gemini API*

- Built a **full-stack AI website generator** using React, Node.js, and the Gemini API, converting natural-language prompts into production-ready HTML, CSS, and JS codebases.
- Engineered an **offline fallback compiler** and a live CRM dashboard for leads, with one-click ZIP export and Vercel/Firebase deployment support.

AI Interview Preparation Platform | *MERN Stack, Google Gemini API, JWT*

- Built a **MERN-stack SaaS platform** with AI-driven mock interviews using speech recognition/synthesis, a resume ATS analyzer, and a multi-language DSA coding sandbox.
- Implemented **secure JWT authentication** and RESTful APIs with MongoDB/Mongoose, plus a Recharts analytics dashboard tracking user performance and gamified XP streaks.

Flood Prediction using Unsupervised ML | *K-Means, DBSCAN, GMM, OPTICS, Hierarchical Clustering*

- Applied multiple clustering algorithms to hydrological data for flood risk zone identification.
- **Improved early warning accuracy by 20%** using clustering insights and pattern recognition.

Certifications & Awards

AWS Academy Machine Learning Foundation - AWS Academy
Infosys Springboard - HTML, CSS, JavaScript
Data Structure & Algorithms - Internshala
Complete Machine Learning Course - Udemy
Data Visualization - Forage
Computer Service Job Simulation - Forage
OfficeMaster - Power BI Workshop
Achievement: Recommendation Letter - Future Interns

Additional Information

Location Preference: Pan India, Open to Remote
Availability: Immediate for Internship; Full-time from 2026
Languages: English, Hindi, Assamese
Interests: AI/ML, 3D Visualization, Open Source Contribution