Gaurav Santosh Kadam

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PROFESSIONAL SUMMARY

- Skilled in **MERN stack development, data preprocessing, and backend technologies** with hands-on professional and project experience
- Current **Software Developer Intern** with proven track record of **winning project competitions** and participating in competitive programming challenges
- Strong problem-solving abilities with expertise in **Python,MERN Stack ,Flask, database management, and data analysis**

PROFESSIONAL EXPERIENCE

Software D eveloper Intern | *Arvanch LLC, Chicago (Remote)*   (*Sep 2025 - Present*)

- Developed and maintained **full-stack applications using MERN stack** (MongoDB, Express.js, React.js, Node.js)
- Built **RESTful APIs and microservices** for seamless third-party integrations, enhancing system scalability by 20%
- Implemented **responsive UI components** with React.js and collaborated in **agile development cycles** with cross-functional teams
- Optimized **database queries and application performance**, reducing API response times by 25%
- Utilized **Git version control** and conducted comprehensive testing to ensure code quality and deployment reliability

EDUCATION

Year	Degree	Institute
2022-Present	B.Tech (E&TC)	N.B.N. Sinhgad College of Engineering Solapur
2020-2022	HSC (Science)	Arts & Commerce College of Madha
2014-2020	SSC	New English School Uplai (K.H)

TECHNICAL SKILLS & COMPETENCIES

- **Programming Languages:** Python, JavaScript, C/C++ | **Frontend:** React.js, HTML, CSS, JavaScript
- **Backend:** Node.js, Express.js, Flask | **Databases:** MongoDB, PostgreSQL, Firebase | **Version Control:** Git, GitHub
- **Data Analysis:** pandas, NumPy, matplotlib, scikit-learn | **Machine Learning:** AI/ML model development
- **Frameworks:** MERN Stack, Flask microframework | **Specializations:** Full-stack development, Data preprocessing, Feature engineering

KEY PROJECTS & ACHIEVEMENTS

Tumor Scope - Brain Tumor Navigator | *AI/ML Healthcare Solution*   (*Team Project*)

- Developed **AI/ML model integrated with web application** for brain tumor detection in MRI scans
- Built comprehensive solution using **HTML, CSS, JavaScript frontend with Flask backend**
- Created during **24-hour Non-stop Hackathon**, demonstrating rapid prototyping and teamwork skills
- Implemented **image processing algorithms** for medical imaging analysis and diagnosis support

Data Preprocessing Tool | *Web-based Analytics Platform*   (*Individual Project*)

- Developed comprehensive **web-based data preprocessing tool** for feature engineering and analysis
- Implemented multiple functionalities: **data gathering, feature selection, missing value imputation**
- Created advanced features for **outlier detection, encoding, EDA, and feature scaling**
- Integrated **dimensionality reduction (PCA)** and statistical analysis capabilities
- Designed user-friendly interface for **data scientists and analysts** to streamline workflow

Personal Portfolio Website | *Professional Web Development*   (*Individual Project*)

- Designed and developed **responsive personal portfolio website** showcasing skills and projects
- Implemented modern **UI/UX design principles** with interactive elements and smooth navigation
- Utilized **HTML, Tailwind CSS ,REACT , NEXT** to create engaging user experience and professional presentation
- Integrated **project galleries, skill demonstrations, and achievement highlights** for comprehensive showcase

CERTIFICATIONS & ACHIEVEMENTS

- **Python Masterclass with 19 Real World Projects** - Udemy (Instructor: Ashutosh Pawar)
- **Python Programming NPTEL Elite Certificate** - Government of India Initiative
- **Project Competition Winner (4x)** - Demonstrated consistent excellence in technical competitions
- **Competitive Coding Competition Winner (2x)** - Proven algorithmic and problem-solving expertise
- **24-hour Non-stop Hackathon Participant (2x)** - Experience in rapid development and innovation
- **Online Technical Courses (10+)** - Continuous learning and skill development approach

CORE COMPETENCIES

- **Software Development:** Full-stack web development, MERN stack, backend architecture, and database design
- **AI/ML Implementation:** Machine learning model development, data preprocessing, and algorithm optimization
- **Problem Solving:** Competitive programming, algorithmic thinking, and technical troubleshooting
- **Project Management:** Team collaboration, hackathon participation, and deadline-driven delivery