

SAI SHASHANK S

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PROFESSIONAL SUMMARY

Results-driven **Full-Stack Developer** with expertise in Python/Django, MySQL, frontend development, and on-premises hosting (IIS). Proven track record in ERP systems across manufacturing, aerospace, and education sectors. Skilled in backend API design, frontend UI, and real-time messaging module. Recognized for problem-solving and leadership.

PROFESSIONAL EXPERIENCE

Full Stack Developer

CKP Software Technologies, Bengaluru — Nov 2024–July 2025

- Developed and deployed ERP solutions for manufacturing, aerospace, and educational clients.
- Managed complete CI/CD lifecycle: requirement gathering, backend APIs, frontend UI, and server-side deployment via IIS.
- Ensured performance, security, and uptime on client servers.

Key Projects:

- **LG Chennai (Laljee Godhoo & Co)** – ERP for hinge manufacturing across two units (inventory, billing, order tracking); full-stack build + IIS hosting; earned *Problem Solver Award*.
 - **Macro Precision Components** – Designed HR module: onboarding, attendance, and payroll; integrated Django REST APIs with dynamic dashboards.
 - **Pinnacle School of Commerce & Management** – Developed WhatsApp alert system (Msg91/Twilio API) for fee and academic notifications; promoted to **Reporting Manager** after project delivery.
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INTERNSHIP

Data Analyst Intern

Go Get Solutions Pvt Ltd, Bengaluru — Apr 2024–Jul 2024

- Built clustering-based customer segmentation, sentiment analysis from social/blog data, and sales forecasting for millet products.
 - Generated insights using ML and visualized trends via dashboards for stakeholders.
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PROJECTS

Image Classification – Crack Detection

- Built deep learning models (CNN, ResNet, VGG, EfficientNet) to detect structural cracks with data augmentation and transfer learning, achieving high accuracy.

Oxygen Mask Fall Detection (IoT)

- Created an Arduino solution using accelerometers and IR sensors to detect oxygen mask drop events and trigger urgent alerts.

Millet Analytics & Recommendation System

- Conducted web scraping of consumer reviews, sentiment analysis using TextBlob, and developed a rule-based product recommendation engine for personalized marketing outreach.
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TECHNICAL SKILLS

- Languages & Frameworks:** Python, Django, R, TensorFlow, Streamlit
 - Databases & BI:** MySQL, MongoDB, Power BI, Tableau
 - ML & Data Tools:** Pandas, NumPy, Scikit-learn, Seaborn, Matplotlib, K-means, SVM, Association Rules
 - Other Tools:** GitHub, MS Excel, IIS Hosting
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SOFT SKILLS

Problem Solving • Leadership • Time Management • Teamwork • Communication • Design Thinking • Storytelling • Creative Thinking

EDUCATION

MSc in Data Science — REVA University, Bengaluru
Sep 2022–Aug 2024 | CGPA: 6.8

BSc PCM (Physics, Chemistry, Mathematics) — REVA University, Bengaluru
Jul 2019–Sep 2022 | CGPA: 7.8

CERTIFICATIONS

- Microsoft Azure DP-900 – Microsoft
 - Google Cybersecurity Foundation Certified – Google
 - Cisco Certified Support Technician – Cybersecurity
 - Prompt Engineering – Independent
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RECOGNITION

- First Prize – Creative Art Event (Sarang 2022), REVA University
 - Best Player Award – Cricket (Taluk Level, Pavagada, 2012)
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PERSONAL DETAILS

Date of Birth: 28-Jan-2001 | **Gender:** Male

Languages: English • Kannada • Hindi • Telugu

Declaration: I hereby declare that the above information is true to the best of my knowledge.

Place: Bengaluru, Karnataka, India
