

PRUDHVI NAIDU NARAHARISETTI

Founder | Smart Building Solutions Architect | IT Technician Educator & Customer support specialist

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 Newcastle upon
Tyne, UK

 [LinkedIn](#)

 [Portfolio](#)

Innovative and results-driven founder with over 3 years of experience in IT Technologies and customer support and with proven leadership in taking novel products from concept to market, with an eye toward scalability and real-world deployment in higher education and commercial buildings, currently I am leading **SpatialMemory AI**, a cutting-edge platform that transforms traditional video surveillance systems into privacy-first, behavioural intelligence tools for building optimisation; the platform learns long-term movement patterns ("spatial memory"), produces actionable utilisation intelligence, and detects anomalies relative to site-specific behavioural baselines—without storing video by default. Passionate about leveraging AI and privacy-conscious technologies to drive innovation and create smarter, more efficient spaces, I am committed to revolutionizing the way we understand and optimise building environments, while ensuring privacy, security, and sustainability.

SKILLS

- AI & Behavioural Analytics
- Smart Building Technology & IoT Integration
- Space Utilisation & Optimisation
- Energy Efficiency Solutions & Project Management
- Predictive Analytics & Anomaly Detection
- Operational Decision Support Systems
- Product Development & Innovation
- Team Leadership & Scaling
- Stakeholder Engagement & Partnership Building
- Business Strategy & Fundraising
- Technical Support: Windows Deployment, Imaging, Multi-Platform Support (Windows, macOS, Linux), First & Second Line Support
- Automation & Scripting: PowerShell, Batch, Python
- Tools & Platforms: ServiceNow, SISO, Power BI, GLPI/FOG, SCCM, Active Directory, Azure AD
- Networking & Infrastructure: Basic TCP/IP, DNS, DHCP Configuration, Networked Printer & Peripheral Support
- User Enablement: AV Equipment Support, Induction & Training, Documentation, FAQ Development
- ITSM & Governance: ITIL-Aligned Incident & Request Management, GDPR, Data Protection, Cybersecurity Awareness
- Operational Excellence: Asset Management, Procurement, IMAC Lifecycle, Process Improvement

EDUCATION

MSc in computer science

2022 - 2024

Northumbria University | UK

B.Tech (Bachelor of technology) in IT (Information Technology)

2017 - 2021

Anil Neerukonda Institute of Science and Technology | India

CERTIFICATIONS

- CompTIA A+ Certified
- ITIL Foundation – AXELOS
- Google Technical Support Fundamentals
- Working towards: MD-102 (Endpoint Administrator)

WORK EXPERIENCE

Founder | SpatialMemory AI (Privacy-First Building Analytics platform)

2025 – Present

- Founded and developed SpatialMemory AI, an innovative platform transforming CCTV systems into behavioural intelligence tools to optimise building operations.
- Led the development of Behavioural Baseline Engine (BBE) to detect long-term spatial patterns and memory-gated anomalies, significantly improving space usage forecasting and energy consumption management.
- Directed the AI-powered anomaly detection engine to reduce false alarms and optimise HVAC, cleaning, and space planning for universities and commercial buildings.
- Leading the platform's design, testing, and deployment phases, achieving market adoption within few months.
- Developing real-time spatial memory models that enabled actionable insights for customers, improving their operational efficiency and reducing overall building operational costs.
- Engaging with universities and commercial properties, integrating the platform into existing infrastructures to optimise cleaning schedules, HVAC runtimes, and space utilisation.
- Building and maintaining relationships with key stakeholders, including facilities managers, security teams, and operations directors to tailor solutions to customer needs.
- Overseeing the successful deployment of the MVP in multiple pilot sites, generating valuable data that led to further product refinement and scalability.

Faculty IT Technician (Endpoint & Equipment Support)

2023 – Present | Newcastle upon Tyne, England, UK

Northumbria University

- Delivered first and second-line IT support across multiple departments, providing custom Windows environments, specialist software setups, and network configurations for non-standard devices. Supported AV equipment, VLE systems, and teaching technology tools, while contributing to an IoT-based temperature and power monitoring system. Enhanced student/staff laptop loan fleet accessibility with QR-coded and NFC FAQ documentation, and managed the IMAC lifecycle for system preparation, deployment, and asset tracking.

Customer Assistant (Operations & Technical Support) (part time)

2022 – Present | Newcastle upon Tyne, England, UK

Marks & Spencer

- Supported high-volume retail operations, managing deliveries, stock coordination, and workflow organisation. Ensured product quality and safety through regular temperature compliance checks. Collaborated with various departments during peak operations, enhancing teamwork, communication, and time-management skills to streamline processes and improve efficiency.

PROJECTS

- **Jesmond Library Technology Solution (Project Manager)** – Led a team project under MSc program to deliver a web-based solution for a community-led library. Managed scope, communication, and delivery; received formal recognition from the client for leadership and technical quality (LinkedIn Recommendation).
- **Home-Grown Campus Temperature & Power Monitoring System** – Contributed to the design and deployment of an IoT-based, real-time monitoring platform.
- **Windows 11 LTSC Imaging & Deployment Standardisation** – Built and maintained standardised Windows images to improve consistency and deployment speed.
- **Automation Scripts for Endpoint Operations** – Developed and implemented PowerShell, batch, and Python automation workflows for system management.