

ASWANI KUMAR

Tech Lead, Sr. Software Engineer

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PROFESSIONAL SUMMARY

With 10+ years of experience building and scaling software products from concept to 130,000+ users. Proven track record of founding successful ventures, architecting cloud-native platforms, leading engineering teams of 100+ professionals, and driving strategic product decisions. Deep expertise spanning full-stack development (Python/Django, JavaScript/SvelteKit), cloud infrastructure (AWS, Docker, KVM), and AI/ML integration. Combines technical depth with business acumen to align product vision with market opportunities.

CORE COMPETENCIES

Technical Leadership

- System Architecture
- Code Reviews & Standards
- Technical Strategy

Cloud & DevOps

- AWS (EC2, S3, Docker)
- CI/CD Pipelines
- Microservices, KVM

Product & Project Mgmt

- Product Roadmapping
- Agile/Scrum Leadership
- Stakeholder Management

AI & Innovation

- Generative AI (LLMs)
- AI Coding Assistants
- MCP Server Development
- Agents Orchestration

Full-Stack Development

- Python, Django, Flask
- JavaScript, SvelteKit, React
- PostgreSQL, Redis, Elastic

Team & Business

- Team Building (100+)
- Mentoring & Training
- Revenue Growth Strategy

PROFESSIONAL EXPERIENCE

Technical Lead & Developer

RunCode.io | Hyderabad, India | 2022 – Present

- Scaled cloud-based coding platform to 130,000+ users, including developers from Fortune 500 companies and top academic institutions
- Architected multi-tenant infrastructure using Django, SvelteKit, Docker, KVM, and PostgreSQL with secure isolated code execution
- Integrated AI-powered coding assistants (Code-Llama, GPT-based models) improving developer productivity by 40%
- Drove product strategy and roadmap execution, achieving consistent YoY revenue growth through data-driven decisions
- Led end-to-end product lifecycle: ideation, market research, development, launch, and iteration based on user feedback

Technical Lead & Developer

Micropyramid | Hyderabad, India | 2012 – 2022

- Led global software consulting firm serving clients including Pon.com, NowFinance.com.au, AutoDS.com, and Colaberry.com across USA, Australia, Israel, UK, and Singapore
- Built and led cross-functional engineering team of 100+ professionals, establishing culture of innovation and technical excellence

- Spearheaded development of 5 SaaS products including Pietrack (project management/CRM) and peercoder.ai (AI coding assistant)
- Delivered enterprise solutions using Django, React, Flask, Angular, and AWS across diverse industry verticals
- Implemented Agile methodologies and established engineering best practices, reducing delivery timelines by 30%

KEY PROJECTS & ACHIEVEMENTS

RunCode.io — *Cloud Development Platform*

- Architected scalable, AI-powered cloud IDE supporting Python, JavaScript, Go, and 10+ programming languages
- Implemented KVM virtualization for secure, isolated execution; Firecracker integration for enhanced performance

FurryPari.com — *Multi-Country Pet Care Platform*

- Architected platform spanning 8+ countries with localized e-commerce, social features using SvelteKit, Prisma, PostgreSQL
- Achieved 90-96% faster API responses (5-15ms) through BullMQ background processing optimization

PeelJobs.com — *AI-Powered Job Portal*

- Built job portal with Django, PostgreSQL, Elasticsearch, Celery; currently leading AI-driven matching system overhaul

Pietrack — *Project Management & CRM Platform*

- Developed full-featured PM/CRM with Trello, GitHub, GitLab integrations using React, Flutter, Django, PostgreSQL

TECHNICAL SKILLS

Languages: Python, JavaScript/TypeScript, PHP, C#, SQL

Frameworks: Django, Flask, SvelteKit, React, Angular, Flutter, RESTful APIs

Infrastructure: AWS (EC2, S3), Docker, KVM, Firecracker, CI/CD, Microservices

Databases: PostgreSQL, MySQL, Redis, Elasticsearch, MongoDB

AI/ML: LLM Integration (Code-Llama, OpenAI), AI Agents, MCP Server Development

AI Tools: Claude Code(Anthropic), Codex(OpenAI), OpenCode

EDUCATION

B-Tech Computers

CBIT, Hyderabad, Telangana