

# ASWANI KUMAR

## Tech Lead, Sr. Software Engineer

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### PROFESSIONAL SUMMARY

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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

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#### 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

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#### 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

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### **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

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**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

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### **B-Tech Computers**

CBIT, Hyderabad, Telangana