

# Aswani Kumar

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## Summary

Entrepreneurial technology leader with over **10 years of experience** in building software products, leading high-performing teams, and delivering scalable solutions. Passionate about cloud development, AI-driven automation, and software architecture. Extensive expertise in **Python, Django, SvelteKit, DevOps, and AI integration**. Proven ability to scale products, mentor teams, and drive business growth.

## Skills (hands on expertise and some with basic understanding)

- **Programming & Frameworks:** Python, JavaScript, PHP, C# | Django, Flask, SvelteKit
- **Infrastructure & DevOps:** Docker, KVM, Firecracker, AWS, Git
- **Tools & Methodologies:** CI/CD, Cloud Development, Agile/Scrum, SEO
- **AI & Automation:** Generative AI (Code-Llama), AI-driven coding assistants
- **Database & Storage:** PostgreSQL, MySQL, Elasticsearch, NoSQL, Redis

## Professional Experience

### Founder & CEO, RunCode.io

*2020 – Present*

- Founded a **cloud development platform** enabling developers to code faster and more securely with AI-powered assistance.
- Scaled the platform to **100,000+ users**, including professionals from leading tech firms and top universities.
- Integrated **AI-powered coding assistants** (Code-Llama, ChatGPT-like models) to enhance development workflows.
- Architected and deployed robust cloud infrastructure using **Django, Firecracker, KVM, Docker, SvelteKit, and PostgreSQL**.
- Built a **multi-tenant cloud-based coding environment** supporting various programming languages and DevOps tools.
- Led **product strategy, driving innovation** and revenue growth.

### Founder & CEO, Micropyramid

2014 – 2020

- Established a software consulting firm serving **clients across the USA, Australia, Israel, UK, Canada, Singapore, and India** etc.
- Recruited and mentored **100+ engineers**, fostering a culture of **growth, innovation, and technical excellence**.
- Delivered **custom SaaS solutions** across industries, leveraging Django, React, Flask, Angular, and AWS.
- Developed 5+ in-house products, including:
  - **Pietrack: A project management and CRM platform** with employee tracking and screen monitoring.
  - **peercoder.ai: An AI-powered coding assistant** for software development teams.

## Key Projects

### **RunCode.io (Cloud Development Platform)**

- Developed a **multi-user, AI-powered development environment** for real-time cloud-based coding.
- Supports **various programming stacks, including Python, JavaScript, and Go**.
- Integrated **KVM** for secure and isolated execution of untrusted code. Firecracker as VM is under testing.
- Achieved a **user base of 100,000+ developers** and enterprise users.

### **peercoder.ai (AI-Powered Coding Assistant)**

- Built an **AI-driven developer assistant** to help engineers with code suggestions and documentation.
- Uses **Code-Llama and OpenAI-based models** for real-time coding help.
- Provides an **API for seamless integration into existing developer tools**.

### **Pietrack (Project Management & CRM Tool) (offline)**

- Developed an **end-to-end project management system** with work tracking and analytics.
- Built with **React, Flutter, Django, and PostgreSQL** to support web, mobile, and desktop platforms.

**And many more internal/external tools and apps.**

## Education

## **Bachelor of Computer Applications (BCA)**

SV Arts College, Tirupati, Andhra Pradesh (2001 – 2004)

## **Additional Highlights**

- Expertise in **leading product vision**, from concept to launch.
- Strong background in **cloud infrastructure, security, and DevOps best practices**.
- Passionate about **mentorship and technical training**, guiding junior developers toward success.
- Active in **SaaS and cloud computing**, continuously exploring emerging technologies.