Aniketh Preeth Narayan

Full-Stack Developer · Generative AI & Automation · Cybersecurity

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SUMMARY

Full-stack developer and digital lead with hands-on experience across web and mobile development, generative AI and automation (since 2023), cybersecurity and penetration testing, Web3 and game development, and multi-site team leadership. Currently leads all digital technology for Bright Painters in Auckland, from its website and lead capture to local SEO and social channels. Combines engineering with project management, client communication and customer service.

SKILLS

AI & Automation: Generative AI, LLM Integration (Claude API), Prompt Engineering, AI-Assisted Development, Workflow Automation

Software Engineering: TypeScript, JavaScript, Python, C++, C#, React, Next.js, Node.js, HTML/CSS, Tailwind CSS, Flutter, Firebase, PostgreSQL / Drizzle ORM, Redis, WordPress / WooCommerce, REST APIs, Git / GitHub, Jest, CI/CD (GitHub Actions), Docker

Cybersecurity: Penetration Testing, OWASP, Burp Suite, Nmap, Wireshark, Kali Linux, Vulnerability Assessment, Social Engineering Defense

Web3 & Games: Solana, Solana SDK, dApps, Unity3D, Game Development

Digital Marketing: Technical & Local SEO, Structured Data, Google Business Profile, Social Media, Lead Capture & Conversion

Leadership & Operations: Project Management, Agile Collaboration, Team Leadership, Rostering & Workforce Scheduling, Client & Stakeholder Management, Customer Service, Staff Training & Mentoring

Design & Media: Photoshop, Illustrator, Figma, Canva, Video Editing, Sound Editing

Trading & Analysis: Algorithmic Trading, NinjaTrader, MetaTrader, Financial Analysis

EXPERIENCE

Web Developer & Digital Technology Lead 2023 – Present

Bright Painters | Auckland, New Zealand

Responsible for all digital technology at a residential, commercial and roofing painting company.

- Own all digital technology end to end: website build and hosting, search visibility, lead capture and online channels.
- Built and maintain brightpainters.co.nz: a custom multi-page site (residential, commercial, roofing, portfolio, FAQ, contact) styled with Tailwind CSS, with a light/dark theme.
- Designed three lead-capture paths (quote request, online quote and site-visit booking) plus WhatsApp click-to-chat.
- Implemented local SEO with schema.org structured data, an interactive service-area map (Leaflet) and a 14+ project portfolio.
- Present the company’s Master Painters, Site Safe, BCITO and HIANZ accreditations as trust signals across the site.
- Run the digital presence across Google Business Profile, Facebook, Instagram, LinkedIn and TikTok.

Game Developer (Web3) Feb 2022 – Oct 2022

RadCollab | Remote (USA)

Led development of a play-to-earn blockchain game on Solana.

- Led a team of three developers building a play-to-earn blockchain game, owning game logic, reward systems and on-chain asset integration.
- Developed decentralized applications (dApps) on Solana using Unity and the Solana SDK.
- Designed and optimized 2D animations and sprite assets, improving rendering performance.
- Produced in-game UI, NFT artwork and promotional trailers for marketing and investor outreach.
- Coordinated MVP launch timelines across design, development and marketing.
- Found a stored XSS vulnerability through voluntary penetration testing and got it patched before launch.

Penetration Tester Dec 2021 – Apr 2022

Prime Solutions | Remote (USA) · Part-time

Security testing of Prime Market Terminal, the company's main trading product, and its wider product suite.

- Performed web and mobile penetration testing on Prime Market Terminal and the wider product suite using OWASP methodology, Burp Suite, Nmap and Wireshark.
- Joined after finding and responsibly demonstrating a high-impact vulnerability as a customer; the attack still succeeded after the first method was filtered.
- Reported findings and remediation strategy to technical staff and executive leadership.
- Validated fixes with developers so no post-discovery incidents or privilege escalation occurred.

Application Manager May 2020 – Jul 2021

Nicole Farmer | Remote (USA) · Freelance

Technology consulting, web and mobile delivery for growing small businesses.

- Advised small businesses on technical strategy and upgraded their existing systems.
- Built and deployed websites and mobile apps with HTML, CSS, JavaScript, Firebase, WordPress and Flutter.
- Published apps to the Google Play Store and iterated on customer feedback.
- Supported application integration, support and administration to keep client systems stable.

Full Stack Developer (Team Lead) Jan 2020 – May 2021

Lucrum Media Group | Remote (Boston, USA)

Led a cross-functional team delivering client websites, mobile apps and games.

- Led a cross-functional team delivering client websites and mobile applications.
- Ran client discovery sessions to define requirements, timelines and success criteria.
- Improved client search visibility through keyword research, metadata, link optimization and site audits.
- Built cross-platform iOS and Android games with Unity3D.
- Mentored junior developers and coordinated testing, deployments and fixes with support teams.

Web Developer Feb 2019 – Dec 2020

Coral Coast Fishing Charters | Sigatoka, Fiji

Built and maintained the company website and seasonal campaign content.

- Designed and maintained the company website with HTML, CSS and WordPress, keeping branding consistent across devices.
- Benchmarked competitor websites to improve content, structure and engagement.
- Fixed broken links, rendering and formatting issues, improving SEO and usability.
- Created promotional graphics for seasonal campaigns in Photoshop and Illustrator.

PROJECTS

Generative AI & Automation 2023 – Present

Independent practice | Auckland, New Zealand

Heavily focused on generative AI and AI-driven automation since 2023.

- Applies generative AI and AI-driven automation across software development and business workflows.
- Builds production software with AI coding agents under test-first, review-gated workflows, including this portfolio.

Portfolio Platform Jun 2025 – Present

Personal project | Auckland, New Zealand

Designed, built and secured this portfolio as a production web application.

- Next.js 16 and TypeScript application on PostgreSQL (Drizzle ORM) with Redis rate limiting, object storage for media, and an admin area protected by hCaptcha and TOTP two-factor login.
- Security-hardened: per-request CSP nonces, same-origin checks, audit logging and fail-closed rate limits.
- Railway deployment declared as infrastructure-as-code: database migrations run before each deploy and a readiness healthcheck gates rollouts; GitHub Actions CI runs a 650+ test Jest suite including a real-Postgres integration test.

Security Research & Bug Bounty 2016 – Present

Independent | Remote

Self-taught ethical hacker since 2016.

- Invited to private bug bounty programs on HackerOne after capture-the-flag participation.

- Found a critical vulnerability in a NinjaTrader algorithmic trading platform (2024), reported it to the owners and helped deploy the patch.
- Found two chained vulnerabilities, including a social-engineering vector, for a Solana NFT project (2022).
- Reported a subdomain vulnerability affecting NBC Universal.
- Won an online cryptography contest among hundreds of participants using the Playfair cipher, despite a late entry (2022).

Algorithmic Trading & Market Analysis 2022 – Present

Independent | Remote

Builds and tests trading systems and analyses crypto markets.

- Develops algorithmic trading strategies on NinjaTrader and MetaTrader.
- Crypto market analyst with a following across Solana projects.
- Approved as an IC Markets affiliate partner on the strength of marketing work (2022).

Android App Publisher 2017 – 2020

Google Play Store | Remote

Published, grew and sold a portfolio of Android apps.

- Published a first app in 2017 and grew it past 500 organic downloads through store-listing SEO.
- Sold the app portfolio at a profit and exited in 2020.

EDUCATION

- Graduate Diploma in Software and Web Development — Manukau Institute of Technology

LANGUAGES

English (Native), Hindi (Native)