

PASINDU PIUMAL

Chrome Extension | Browser Automation | Full-Stack SaaS Engineer

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PROFESSIONAL SUMMARY

Top Rated Chrome Extension, browser automation and full-stack SaaS engineer with 100% Upwork Job Success and 175+ delivered projects. Specializes in Manifest V3, React/Next.js, TypeScript, MERN/Node.js, AI integrations, browser automation and production SaaS. Builds end-to-end products spanning extension UI, background/service-worker logic, APIs, authentication, databases, subscriptions, dashboards, scraping and resilient automation across third-party web apps.

CORE SKILLS

Browser Extensions: Chrome Extensions, Browser Extensions, Manifest V3, Chrome APIs, Content Scripts, Background Service Workers, Side Panel, chrome.scripting, chrome.storage, chrome.identity, Main/Isolated World execution, DOM Manipulation, MutationObserver, Shadow DOM, cross-browser Chrome/Edge workflows

Full-Stack / MERN: MERN Stack (MongoDB, Express.js, React, Node.js), React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, REST APIs, WebSockets, SaaS architecture, authentication, OAuth/JWT, subscription and licensing flows

Automation / Data: Playwright, Puppeteer, Browser Automation, Web Scraping, Data Extraction, form/workflow automation, real-time monitoring, API/network integration, multi-ATS automation, Google APIs, Google Apps Script, Google Sheets API

AI / Backend / Cloud: OpenAI API, Gemini API, RAG, AI model integration, MongoDB, Firebase/Firestore, Supabase, Stripe, ExtensionPay, Python, Git, GitHub, Docker, AWS, Vercel

PROFESSIONAL EXPERIENCE

Software Engineer | ByteSquadLabs | 2023 - Present

- Develop Chrome extension and full-stack web products using React, Next.js, TypeScript, Node.js, APIs, authentication, databases and SaaS workflows.

Freelance Chrome Extension & SaaS Developer | Upwork | 2025 - Present

- Top Rated with 100% Job Success, focused on Manifest V3, browser automation, AI extensions, real-time monitoring, scraping, SaaS dashboards and third-party integrations across a broader portfolio of 175+ delivered projects.
- Engineer reliable automation for dynamic DOMs, authenticated sessions, service-worker lifecycles, WebSockets, retries, recovery logic, OAuth and subscription-gated products.

Freelance Browser Automation Developer | Fiverr | 2025 - Present

- Build custom Chrome extensions, browser automation tools, AI integrations, scraping/data workflows and SaaS-connected browser products for international clients; profile maintains a 5.0 rating.

SELECTED PROJECTS

Tech Copilot | Manifest V3, OpenAI, Gemini RAG, ExtensionPay

- Live automotive AI copilot for technicians that works alongside OEM manuals and service systems. It helps decode VIN context, capture/reference technical content, surface service/TSB information, explain repair steps and stream AI diagnostic guidance inside Chrome/Edge. Built through six paid Upwork milestones worth \$1,875+ with a 5.0 client review, plus usage-based free trial and subscription gating.

Live: techcopilot.com/how-it-works | Case study: pasindup.vercel.app/projects/tech-copilot

RoboApply & Sociax | Multi-ATS Automation, OpenAI, Browser Automation

- AI-powered job application automation that fills and submits applications across Greenhouse, Workable, Ashby, Workday and Oracle, handles resume uploads, and supports AI-generated resumes/cover letters. Delivered RoboApply's first working Ashby integration in one week after 20+ previous developer attempts, then expanded the working multi-ATS system.

Case study: pasindup.vercel.app/projects/roboapply-ats-automation | Portfolio: pasindup.vercel.app/projects

Amazon Shift Sniper Series | Manifest V3, Real-Time Monitoring, DOM/Session Automation

- Series of six production extensions for Amazon hiring and scheduling workflows: sub-second shift detection and booking, OTP capture, real-time slot analytics, multi-profile synchronization, session-aware execution and automatic recovery from broken states. Used Main/Isolated World execution, MutationObserver, Shadow DOM traversal, persistent MV3 runtime patterns and 403/session recovery for long-running reliability.

Case study: pasindup.vercel.app/projects/amazon-shift-sniper | Verified work: [upwork.com/freelancers/pasindupiumal? p=2062560822872154112](https://www.upwork.com/freelancers/pasindupiumal?p=2062560822872154112)

SiteSafety Shield | Manifest V3, Google Safe Browsing, VirusTotal, PhishTank

- Client browser-security extension built in 2023 through ByteSquad Labs. Checks URLs against multiple threat-intelligence sources, applies configurable risk scoring and local caching, and warns or blocks users before proceeding to known phishing, malware or scam pages.

Case study: pasindup.vercel.app/projects/sitesafety-shield-extension

High-Scale Chrome Extension + SaaS | Next.js, Supabase/PostgreSQL, Stripe, Browser Automation

- Engineered a commercial browser-automation product as a complete extension + SaaS platform: Manifest V3 client, Next.js dashboard, Supabase/PostgreSQL backend, Stripe subscriptions, licensing and real-time automation. The public portfolio case study reports 100K+ users and \$1M+ software revenue, demonstrating product architecture beyond a standalone extension.

Live product: elitefutbot.com | Case study: pasindup.vercel.app/projects/fut-snipe-bot

More work: Explore case studies and project examples from 175+ delivered projects at pasindup.vercel.app/projects

EDUCATION & CERTIFICATIONS

BSc (Hons) in Software Engineering | University of Westminster | 2024 - Present

Foundation Programme in Software Engineering | Informatics Institute of Technology | 2023 - 2024

LinkedIn Learning: React Essential Training, React Native Essential Training, TypeScript Essential Training (2025)