

# Prolay Kumar Panda

Senior Full Stack Engineer & Automation Specialist

Senior Full Stack Engineer & Automation Specialist · \$90/hr · Available

Konnagar, West Bengal, India · [www.linkedin.com/in/prolay-kumar-panda-45953b56](https://www.linkedin.com/in/prolay-kumar-panda-45953b56)

## SKILLS

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PHP, Laravel, TypeScript, NestJs, NextJs, Python, FastAPI, TailwindCSS, Mysql, Postgres

## ABOUT

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I am a Senior Full Stack Engineer and AI GenAI & Automation Specialist with 10+ years of experience designing, building, and scaling secure, high performance web applications and SaaS platforms. I specialize in backend architecture, cloud native systems, and AI assisted automation that solves real business problems.

My technical expertise includes Laravel, Node.js NestJS, Python, React/Next.js, and AWS, with a strong focus on system design, API development, and multi tenant architectures. I have led end to end development of enterprise and SaaS products across domains such as HRMS, fintech, IPTV, analytics, and compliance driven platforms.

I have hands on experience building AI powered automation systems using OCR and Generative AI OpenAI to extract, validate, and process structured data from unstructured documents—reducing manual effort by up to 70% while improving accuracy and turnaround time.

Beyond development, I bring a strong understanding of SEO fundamentals, performance.

## EXPERIENCE

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### Senior Fullstack Developer · Mobilefirst Applications

Aug 2022 – Present

Remote · full time

### Fullstack Developer · Orion Edutech Pvt. Ltd.

Aug 2018 – Jun 2021

Kolkata · full time

### Web Developer · Symlink Technologies LLP

Jul 2015 – Aug 2018

Kolkata · full time

### Web Developer · Brainware University

Jul 2012 – Jun 2015

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## EDUCATION

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### Punjab Technical University · Bachelor of Science in Information Technology, information Technology

Jan 2009 – Feb 2012

Punjab

## PROJECTS

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### Pethiyan.com

[pethiyan.com](https://pethiyan.com)

Laravel · NextJs · Mysql · AWS S3 · AWS SMS · Razorpay · Easebuzz

- Pethiyan.com is a modern, production-grade ecommerce platform developed with a scalable architecture using Next.js 16.2.3 for the frontend and Laravel 12 for the backend admin/API system.
- The platform was designed to deliver a high-performance shopping experience with a fully responsive UI, optimized product workflows, secure backend architecture, and advanced admin management capabilities.
- Key Features:
  - Modern responsive ecommerce UI/UX
  - Full Admin Dashboard & API Management
  - Product, Order & Inventory Management
  - Secure Authentication & Role Management
  - SEO-Friendly Architecture
  - Performance Optimized Frontend
  - Mobile-First Responsive Design
  - Scalable Backend Infrastructure
  - Payment Integration Ready
  - Analytics & Reporting Workflows
- The project focused heavily on:
  - Clean architecture
  - Scalability
  - Performance optimization
  - SEO optimization
  - User experience enhancement
  - API-driven development
  - Long-term maintainability