

Adrian Pratama

Senior Senior Full-Stack Engineer

SUMMARY

- Senior Full-Stack Engineer with 9+ years in FinTech and E-commerce, proficient in React, Node.js, NestJS, PHP, Java, and .NET Core.
- Expertise in building high-volume transactional systems, fraud detection microservices, and credit onboarding platforms with 99.99% uptime and sub-120ms response times.
- Skilled in Agile delivery, CI/CD pipelines, and cloud-native DevOps using Docker, Kubernetes, AWS, and Azure.
- Strong background in regulatory compliance and platform modernization, achieving 85% test coverage and 40ms faster response times.
- Computer Science graduate with proven ability to lead cross-border teams and deliver scalable, secure, and observable APIs and CMS solutions.

TECHNICAL SKILLS

Main Technical Skills	Node.js, React, Docker, PostgreSQL, Python
Programming Languages	Python
JavaScript Frameworks	AngularJS, Ext JS, jQuery, NestJS, Node.js, React, Vue.js
JavaScript Libraries and Tools	Pinia, Redux-Saga, Strapi
Data Analysis and Visualization Technologies	Celonis
Security	Compliance Policies
Databases & Management Systems / ORM	MongoDB, MySQL, PostgreSQL, Prisma, Redis, Typeorm
UI Frameworks, Libraries, and Browsers	Bootstrap 4, jQuery, Tailwind CSS
Cloud Platforms, Services & Computing	Netlify, Vercel
Amazon Web Services	AWS EC2, AWS Lambda, AWS S3
Azure Cloud Services	Azure Blob Storage, Azure Cloud Functions
Methodologies, Paradigms and Patterns	Agile, Scrum
Collaboration, Task & Issue Tracking	Atlassian Confluence, Jira

Version Control	BitBucket, Git, Github Actions
Virtualization, Containers and Orchestration	Docker, Kubernetes, Terraform
Deployment, CI/CD & Administration	GitLab CI
SDK / API and Integrations	GraphQL, JWT, OAuth, RESTful API
Mail / Network Protocols / Data transfer	JWT
QA, Test Automation, Security	QA
Message/Queue/Task Brokers	RabbitMQ
Other Technical Skills	RDS

WORK EXPERIENCE

Senior Full-Stack Engineer - Monit (Credit checkout, onboarding, and fraud systems)

Duration: December 2021 - January 2026

Summary:

- Development and maintenance of a FinTech platform serving over 2 million Nordic consumers, focusing on credit checkout, consumer onboarding, fraud detection, and compliance management
- The platform integrates multiple services to provide seamless financial operations across Sweden, Finland, and Norway

Responsibilities:

- Built merchant checkout platform embedded in 120+ stores processing over €8M/month with high uptime and low latency.
- Developed consumer onboarding portal with asynchronous ID upload and status polling to improve KYC success.
- Engineered real-time fraud scoring microservices analyzing 25K+ transactions daily.
- Maintained loan scoring and risk APIs supporting dynamic credit rules and audit trails.
- Created GraphQL API gateway to unify finance, cart, and product services.
- Implemented compliance admin panel for legal teams managing onboarding rules and disclaimers.
- Contributed to legacy platform modernization migrating services to modern stacks with improved performance and test coverage.
- Delivered features in Agile squads collaborating with QA, PMs, and designers.
- Integrated Strapi CMS for dynamic marketing and legal content management.

Technologies: Next.js, React, Tailwind CSS, Vue 3, Pinia, Node.js, NestJS, Redis Streams, PostgreSQL, Express, PHP 7, GraphQL (Apollo), Angular 14, .NET Core, TypeScript, Strapi CMS, Docker, GitHub Actions



Mid-Level Full-Stack Engineer - Moneyview (Mobile-first platform for consumer loans, account servicing, and credit scoring)

Duration: November 2019 – December 2021

Summary:

- Development of a mobile-first FinTech platform providing consumer loans, account management, and credit scoring services to over 30,000 customers
- The platform supports secure financial transactions, real-time notifications, and compliance with GDPR standards

Responsibilities:

- Developed core loan origination logic including ID checks and eligibility scoring.
- Built backend services for SEPA transfers and balance tracking enabling same-day disbursements.
- Created account management dashboard for end-users.
- Integrated real-time alert system for transactional SMS and email notifications.
- Implemented secure authentication flows meeting GDPR audit standards.
- Led backlog grooming and sprint planning for risk-focused APIs.

Technologies: Java Spring Boot, PostgreSQL, PHP 7, REST APIs, React.js, Redux, SCSS, RabbitMQ, OAuth2, JWT, Jira, GitLab CI

Junior Full-Stack Developer - Dekoruma (DIY online shop platform supporting 1,000+ small businesses)

Duration: August 2017 – October 2019

Summary: Development of an e-commerce SaaS platform enabling small businesses to manage online shops with features including product catalogs, inventory management, checkout processing, and payment gateway integration.

Responsibilities:

- Developed core shop management modules including product catalogs and inventory tools.
- Built and optimized checkout engine to improve load speed and reduce cart abandonment.
- Created responsive and localized storefront templates.
- Improved payment gateway reliability with retry and fallback logic.
- Collaborated in 2-week sprint cycles with QA and product teams to deliver tested features.

Technologies: PHP, MySQL, JavaScript, jQuery, SCSS, Bootstrap, REST APIs, PayPal, Stripe

EDUCATION

• BINUS University

Bachelor of Computer Sciences GPA: 3.4/4.0
September 2014 – June 2017

