

# Pinkaew Horputra

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## SUMMARY

Software Engineer with hands-on experience building scalable web applications using React, TypeScript, Node.js, and Python. Strong background in backend development, cloud infrastructure (AWS, Terraform), and CI/CD pipelines. Passionate about crafting intuitive, high-quality user experiences and writing clean, maintainable code.

## EDUCATION

<b>Northeastern University</b> <i>Master of Science, Software Engineering Systems, GPA 3.75</i>	Sep 2023 – May 2025 <i>Boston, MA</i>
<b>Coursework:</b> Program Structures & Algorithms, Object-Oriented Design, Web Design, Cloud Computing	
<b>Thammasat University</b> <i>Bachelor of Engineering, Computer Engineering</i>	Sep 2017 – May 2021 <i>Pathum Thani, Thailand</i>

## EXPERIENCE

<b>Accenture</b> <i>Software Engineer (Custom Software Engineering Analyst)</i>	Sep 2021 – Aug 2023 <i>Bangkok, Thailand</i>
<ul style="list-style-type: none"><li>Improved system performance by 20% in a Salesforce loan platform by optimizing Apex logic and asynchronous flows.</li><li>Developed scalable LWC components and Apex services to automate workflows and enhance data processing efficiency.</li><li>Resolved 100+ Jira tickets, including high-priority bugs, across Apex classes, Flows, and LWC components.</li><li>Maintained 85%+ Apex unit test coverage to reduce deployment risk and ensure production stability.</li><li>Created deployment runbooks and supported incident triage across multi-environment CI/CD pipelines.</li><li>Collaborated with cross-functional teams to translate business requirements into technical solutions used by 2M+ users.</li></ul>	

## PROJECTS

<b>Ecommerce Web Application</b> [ <a href="#">GitHub</a> ] [ <a href="#">Live Site</a> ] <i>Next.js, React, TypeScript, Postgres (Neon), Drizzle ORM</i>	Nov 2025
<ul style="list-style-type: none"><li>Built a full-stack ecommerce platform using Next.js, React, and TypeScript, integrating Stripe for secure payments.</li><li>Designed PostgreSQL schema with Drizzle ORM, optimizing queries for variant pricing, filtering, and fast catalog browsing.</li><li>Implemented advanced catalog features, including multi-facet search/filtering and personalized recommendations.</li><li>Developed REST APIs, server actions, and secure authentication with Better Auth, including guest session and cart merging.</li></ul>	
<b>Cloud-Based Web Application</b> [ <a href="#">GitHub</a> ] <i>Node.js, Express, AWS, Terraform, MySQL, GitHub Actions</i>	Oct 2024 – Dec 2024
<ul style="list-style-type: none"><li>Shipped a scalable cloud application with full CI/CD pipelines on AWS using Terraform and GitHub Actions.</li><li>Built secure REST APIs with Express.js and Sequelize and integrated monitoring with CloudWatch and Packer AMIs.</li><li>Provisioned AWS infrastructure with modular Terraform templates covering EC2, RDS, IAM, VPC, and S3.</li><li>Created a serverless email function using AWS Lambda and SendGrid for asynchronous notifications.</li></ul>	
<b>FoodForAll Web Application</b> [ <a href="#">GitHub</a> ] <i>React, TypeScript, Node.js, Express, MongoDB, Material UI</i>	Mar 2024 – Apr 2024
<ul style="list-style-type: none"><li>Led development of a platform supporting donations, volunteer matching, story sharing, and food bank discovery.</li><li>Built responsive and accessible UI using React, TypeScript, Material UI, Sass, and PWA enhancements.</li><li>Developed REST APIs with Node.js and Express and designed scalable data models using MongoDB.</li></ul>	

## TECHNICAL SKILLS

<b>Languages:</b> TypeScript, JavaScript, Python, Java, Apex, Bash
<b>Frontend:</b> React, Redux, Next.js, HTML, CSS, Sass, Tailwind CSS, Three.js, Vite
<b>Backend:</b> Node.js, Express.js, REST APIs, Sequelize, Drizzle ORM
<b>Databases:</b> PostgreSQL, MySQL, MongoDB, SOQL
<b>Cloud &amp; DevOps:</b> AWS, Terraform, Packer, GitHub Actions, Linux CLI
<b>Tools:</b> Git, Figma, Docker, Postman, Vercel, Jira, Confluence, Blender