

Pavaruth Pengcharoen, Senior Full-stack Software Developer

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PROFILE

A senior full-stack software developer based in Bangkok, Thailand. I'm a constant learner who seeks for improvements. I'm a team player who approaches my teammates with empathy and understanding, and a natural leader with excellent communication and time-management skills. I'm interested in modern web technologies, data science, and system and infrastructure design.

EMPLOYMENT HISTORY

Apr 2022 — Present

Senior Full-stack Software Developer, Ogilvy

Bangkok

- Develop Ogilvy's interactive LED wall display software
 - Develop wall display frontend using React, TailwindCSS, react-spring, Swiper.js, and WeatherAPI
 - Develop facial recognition features using Tensorflow through Face API
- Develop Ogilvy's targeted advertisement object recognition software using OpenCV to perform frame differencing techniques (computer vision)
- Manage and oversee a team of developers on projects for Nestlé, MILO, TTB Bank, Krungthai Bank, Cetaphil, Medtronic, Singha, Amazing Thailand, Seiko, and Thai Life Insurance
- Implement CI/CD for Pruksa real estate company's website using GitHub Actions
- Develop internal developer tools for Pruksa real estate company using Node.js, Axios, CSV, and Puppeteer.
- Test, maintain, and review quality of code for developers
- Schedule stand up meetings, clients meetings, internal meetings to discuss and kickoff project goals, tasks, and resolve issues.
- Lead research new technologies and their applications toward targeted and personalized advertisements

Jan 2021 — Mar 2022

Full-stack Software Developer, Ogilvy

Bangkok

- Develop and integrate an authentication and authorization feature, emailing system, and bounce-rate detection feature for NEO Corporate's e-commerce platform using PHP, Laravel, Backpack, Bootstrap, Amazon Cognito and Amazon SES
- Review Pruksa real estate company infrastructure consisting of Amazon S3, Amazon CloudFront, Amazon ElastiCache for Redis, Amazon Relational Database Service (RDS), and Amazon EC2
- Design data-flow diagrams for Pruksa real estate company's data infrastructure
- Develop Pruksa real estate company's website frontend using JavaScript, TypeScript, Node.js, Next.js (React), SCSS, Styled-Components, TailwindCSS, Slick.js, REST API, Google Tag Manager, react-spring, react-form, Storybook.js, and FramerMotion
- Develop Pruksa real estate company's API and emailing service using Node.js, Loopback 4, and Node Mailer
- Develop BG Glass glass-manufacturer and industrial materials manufacturer website frontend using HTML, SCSS, JavaScript, jQuery, TailwindCSS, Bootstrap, GreenSock (GSAP), and WebGL Shader
- Fix bugs, implement Google Tag Manager, and maintenance for Nestlé Group Thailand's website using PHP and Drupal
 - Nestlé Mom and Me
 - Nestlé Professional
 - Nestlé MILO
- Debug, investigate, and remove Unicorn real estate's website JS/Agent.PIV malware in WordPress CMS
- Develop Krungthai Bank's website using HTML, SCSS, JavaScript, jQuery, and PHP
- Develop TTB Bank's website using HTML, SCSS, JavaScript, jQuery, and PHP
- Develop and deploy a lookalike Google re-captcha widget as a campaign award listing for PETA to fight against animal testings using React, SCSS, GitHub Actions, and DigitalOcean's Ubuntu Droplet
- Set up password protected intranet systems for MG Cars Thailand internal tools
- Plan and migrate server and domain resources of SINGHA and Boonrawd Brewery Thailand to Singapore

Aug 2020 — Dec 2020

Web Developer (Freelance), True Digital Group & Chulalongkorn University

Bangkok

- Design, develop, maintain, and deploy online dentistry video conference web application
 - Design a web application using Adobe Experience Design
 - Develop a video conference web application and conference scheduling system using React and Firebase
 - Integrate StreamYard live video streaming feed API
 - Develop real-time chat feature using Socket.io and Node.js
 - Integrate CI/CD using Jenkins
 - Deploy using Docker, Nginx, Certbot, and DigitalOcean's Ubuntu Droplet

Jan 2020 — Jul 2020

Product & Packaging Designer, Mary Manufacturing

Bangkok

- Design reed diffuser brand logo using Adobe Illustrator
- Design reed diffuser packaging using Adobe Illustrator
- Design scented candles packaging using Adobe Illustrator
- Design essential oils packaging using Adobe Illustrator
- Design brand graphic materials using Adobe Illustrator and Adobe Photoshop
 - Brochure
 - Poster
 - Social media posts
- 3D rendered advertising graphic materials using Adobe Illustrator, Adobe Dimension, and Adobe Photoshop
- Advertisement copywriting

Nov 2016 — Dec 2019

Full-stack Software Developer (Freelance), Kiluth

Bangkok

- Design the company's website logo, portfolio, and advertising materials using Adobe Photoshop, Adobe Illustrator, and Adobe Experience Design
- Develop a content-management system (CMS) for the company's blog and webpages using HTML, SCSS, JavaScript, jQuery, Bootstrap, PHP, MySQL, and REST API
- Design, develop, maintain, and deploy a custom point-of-sale (POS) system for a tea and coffee shop
 - Design a web application using Adobe Experience Design
 - Develop a web application using React and Firebase
 - Integrate a web application with receipt printers using Socket.io and Node.js
- Design, develop, maintain, and deploy a home buying agent's website
 - Design a website and logo using Adobe Photoshop, Adobe Illustrator, and Adobe Experience Design
 - Develop a database for data storing using MySQL
 - Develop a REST API service using PHP
 - Develop a website frontend using HTML, SCSS, JavaScript, jQuery, and Mapbox API
 - Integrate Mapbox API for custom selling lands location maps
- Develop a university's students grades management web application using HTML, SCSS, JavaScript, jQuery, PHP, MySQL, and REST API
- Develop a kindergarten online assessment/quiz using HTML, CSS, JavaScript, and jQuery
- Design, develop, deploy and maintain Chulalongkorn University (CU TIP department) website
 - Design a website using Adobe Experience Design
 - Develop a website frontend using Next.js (React), SCSS, TailwindCSS, Storybook.js, react-spring, and Slick.js
 - Develop a headless CMS using Strapi.js
 - Implement CI/CD using GitHub Actions
- Develop CMCC (Capital Market Case Competition) mobile web application
 - Develop a mobile web application using Next.js (React), TailwindCSS, Ant UI, and Storybook.js
 - Develop a headless CMS using Strapi.js
 - Implement CI/CD using GitHub Actions

Apr 2016 — Nov 2016

Graphic Designer (Part-time), We Are Cheers

Sydney

- Design and prototype cosmetic website using Adobe Experience Design
- Design and prototype pet shop website using Adobe Experience Design
- Design dental clinic website and logo using Adobe Experience Design and Adobe Illustrator
- Design pet shop stationery using Adobe Photoshop
- Design online conference landing page using Adobe Experience Design

EDUCATION				
Aug 2016 — Oct 2019	Bachelor of Science in Information and Communication Technology, Rangsit University			Bangkok
SKILLS	Coding & Developing	Expert	Team Leading	Experienced
	System & Infrastructure Design	Skillful	Communication	Experienced
	Graphic Design	Expert	Time Management	Experienced
LANGUAGES	Thai	Native speaker	English	Highly proficient