

# RUNGROJ RUNGSARARNON

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## Summary

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Full-stack developer with experience in React, Express, MongoDB, and PostgreSQL. Skilled in building secure APIs and integrating payment systems. Built a travel trip reservation system using React and Express as part of a personal project. Committed to continuous learning, with a focus on gaining hands-on experience in CI/CD, DevOps, and system design. Enjoys collaborating with teams to solve challenges and improve solutions.

## EDUCATION

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Chulalongkorn University

Bachelor of Engineering in Civil Engineering

August 2020 - June 2024

- GPAX: 2.97

## TECHNICAL SKILLS

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- **Programming Languages:** JavaScript (Typescript), Java, Python, SQL, R
- **Web Technologies:** HTML5, CSS3, React, Redux, Node.js, Express.js, Tailwind
- **Databases:** MongoDB, Mongoose ORM, PostgreSQL, Prisma ORM
- **Version Control:** Git
- **Development Tools:** Visual Studio Code, NetBeans, Postman (Manual testing and API docs)
- **Other Skills:** RESTful API, SSR with Pug, OAuth with JWT and bcrypt, CI/CD concepts
- **Data Science:** data analysis (parametric and non-parametric testing), data visualization, and machine learning techniques (linear regression, logistic regression, clustering)

## PROJECT EXPERIENCE

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### Natours [visit on github](#)

- Technologies: Express, Pug, Stripe, JWT, Bcrypt
- Developed a tour booking platform using Express for backend logic and Pug for server-side rendering (SSR), providing a fast and responsive user experience.
- Implemented user authentication and authorization using JWT and Bcrypt, allowing secure login, registration, and role-based access control.

### Minesweeper game [visit on github](#)

- Technologies: React, Express, Tailwind
- Developed the game logic using a dedicated Minesweeper logic class to handle grid generation, mine placement, and game state management.
- Integrated React with the Express API for real-time interaction, allowing users to make moves and receive game status updates.

### MovieBox [visit on github](#)

- Technologies: React, axios
- Implemented form validation for the register and login pages using React state management.
- Developed a Movies Dashboard that allows users to view and manage their wishlisted movies, featuring interactive components to add/remove movies from the list.