THARUN RANJAN

JUNIOR DEVELOPER

CONTACT

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SKILLS

- Python
- Javascript
- HTML & CSS
- React
- Node.js & Express
- Flask
- RESTful APIs
- Database Integration
- Database Management
- Full-Stack Development
- Web Development
- App Development

DEVELOPMENT TOOLS

- GitHub
- Scrum Methodology
- DevOps Practices
- Black Box Testing
- White Box Testing
- AWS Cloud Computing
- Visual Studio Code

PROFILE

Recent Graduate from Nanyang Polytechnic in Information Technology with hands-on experience in full-stack development. Passionate about leveraging technology to enhance public services and contribute to Singapore's digital transformation journey. Proven ability to deliver complete web solutions from database architecture to user interface design. Strong foundation in secure development practices and building scalable applications for high-volume public services.

PROJECT EXPERIENCE

SCCCI Chatbot Admin System   2025
Full-Stack Developer (Team Project)

- Collaborated with team to develop comprehensive chatbot administration system for Singapore Chinese Chamber of Commerce & Industry
- Built responsive admin webpage using React and JavaScript for chatbot management with real-time data visualisation and management capabilities
- Implemented backend services with Node.js and Express for robust server-side functionality
- Implemented secure JWT-based authentication and role-based authorization system

Node.js   React   Javascript   Express   Full-Stack Auth

Hawker Centre Management Platform   2024
Web Development (Individual)

- Designed and developed comprehensive web platform for hawker centre operations
- Created responsive user interface with custom CSS styling and HTML5 structure
- Implemented backend services with Node.js and Express for robust server-side functionality
- Implemented backend logic using Python Flask framework with database integration
- Developed RESTful APIs for seamless data management and retrieval

Python   Flask   HTML5   CSS   Database integration

Mental Health Support Web App   2024
Web Development (Individual)

Created a modern web platform inspired by mindline.sg, providing mental health resources, support tools, and a user-friendly interface for well-being.

`HTML` `CSS` `Javascript`

DEVELOPMENT FOCUS AREAS

- Passion for using technology to solve real-world problems
- Interest in Smart Nation initiatives and digital transformation
- Interest in developing technology solutions that improve citizen services

EDUCATION

Nanyang Polytechnic (NYP)
Diploma in Information Technology
Graduated

Specialized in full-stack development, software engineering practices, and modern web technologies. Gaining comprehensive knowledge in database management, software testing methodologies, and agile development practices.

ACHIEVEMENTS & ACTIVITIES

🏃‍♂️ **POL-ITE Track & Field Competition**
Achieved bronze medal in 5000m representing NYP at POLITE track event. Demonstrated dedication, endurance, and ability to perform under competitive pressure.

🏏 **International Cricket Tour - Best Player**
Awarded as best player during cricket tour to UK, showcasing leadership, adaptability in international environment, and excellence in team sports.

☁️ **AWS Cloud Computing Workshop**
Completed comprehensive workshop on Amazon Web Services fundamentals, gaining practical knowledge in cloud infrastructure and deployment strategies.

REFERENCES

LinkedIn Profile: https://www.linkedin.com/in/tharun-ranjan-490594350/