

# Langit Lintang Rajendra

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3rd year **Software Engineering Technology** student at **Universitas Gadjah Mada** with a solid grasp of software methodologies, architecture, algorithms, and programming. Specializes in **mobile application and web development**, demonstrated by building efficient and scalable solutions. Actively seeking opportunities to further enhance **technical and non-technical skills** through hands-on projects.

## EDUCATION

### Software Engineering Technology

Aug 2022 - Present

Universitas Gadjah Mada (UGM)

GPA: 3.7 of 4.0

Related subjects: Basic Application Project, Mobile Application Programming, Web Programming, Database, Object-Oriented Programming, Software Development Methods and Models, Software Architectures, Software Requirements Engineering, Software Analysis and Design.

### Multimedia

Jul 2019 - Jun 2022

SMK Budi Mulia Dua

Related subjects: Basic Programming, Game Development, Interactive Media Design.

## WORK EXPERIENCE

### Software Engineer

Aug 2024 - Present

Senyum Cerdas Indonesia

Yogyakarta, Indonesia

- Collaborated in a team of software engineer intern, working as a full-stack web developer.
- Wrote clean and maintainable code following best practices and coding standards to ensure long-term system reliability.
- Developed web application that supported seamless internal and external integrations using Laravel.

### Game and Multimedia Lab

Feb 2024 - Jul 2024

Komunitas Mahasiswa TIK UGM

Yogyakarta, Indonesia

- Developed a captivating and immersive game through programming, art, and game design.
- Utilizing the versatile features and capabilities of the Unity game engine.

### Hacker

Oct 2023 - Jun 2024

Google Developer Student Clubs UGM

Yogyakarta, Indonesia

- Participated in GDSC Solution Challenge to develop Smiley dental health android application to address SDG 3 and SDG 4.
- Working as a Hacker and team up with another Hacker, Hipster, and Hustler.
- Integrated various Google technologies like Android, Firebase, Google Cloud, and TensorFlow to create a robust app.

## AWARDS

### People Choice Award by Samsung Solve for Tomorrow

Nov 2024

Certificate

- **Developed the Dentalint dental care application**, integrating AI technology and connecting seamlessly with the DIGMAN Electronic Medical Record system certified by Satu Sehat.
- **Applied design thinking** principles to craft innovative solutions, delivering advanced dental care features while maintaining an intuitive and user-friendly interface.
- **Collaborated** with a UI/UX designer and a backend developer, utilizing the Scrum SDLC to ensure efficient teamwork and iterative progress.

## PROJECTS

### Dentalint

Jun 2024 - Oct 2024

- Working as **mobile developer** and Engineered a dental health application that leverages AI and AR technologies, seamlessly integrated with the DIGMAN Electronic Medical Record system certified by Satu Sehat.
- **Implemented features** such as quick dental checkups, a chatbot for personalized assistance, AR-based teeth brushing guidance, dental notes, an educational blog, and an appointment scheduling system.
- **Utilized** Kotlin, Jetpack Compose, Gemini SDK, and Firebase Analytics, ensuring user-friendly experience.

### Aether

May 2024 - Oct 2024

- Created air quality analysis application as **mobile developer and UI/UX designer**, providing valuable insights into air pollution levels.
- **Collaborated in multidisciplinary team** to participate in "Pekan Kreativitas Mahasiswa" with the topic of Smartfilter for Industrial Chimneys Using Natural Adsorbents Based on IoT and Integrated AI.
- **Integrated the Android app with IoT** devices to enable real-time monitoring of air pollution filtration systems, improving data collection efficiency.
- **Utilized** technologies such as Kotlin, Firebase Firestore, Gemini SDK, and TtensoflowLite to develop and enhance the application's features.

### Denteksi

Jan 2024 - Feb 2024

- Developed dental screening examination website as a **frontend web developer**
- **Collaborated** with developers, a UI/UX designer, a system analyst, and a project manager to ensure the project's success
- **Optimized the checkup process**, reducing the time required to complete it to under 2 minutes.
- **Utilized** Laravel and Bootstrap to enhance development efficiency and ensure a responsive, user-friendly interface.

- Developed bookstore website as **full-stack developer**, enhancing user access to detailed book information.
- Enabled authentication, multi-role user management, and CRUD operations** to provide a robust and secure user experience.
- Utilized** Laravel and Bootstrap to ensure a responsive, visually appealing, and efficient development process.

SKILLS

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**Mobile Application Development:** Kotlin, Jetpack Compose, Firebase

**Web Development:** HTML, CSS, Javascript, Typescript, PHP, MySQL, Laravel, React, Next.js

**Soft Skills:** problem-solving, attention to detail, technical communication, collaboration

CERTIFICATIONS

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Memulai Pemrograman dengan Python	by Dicoding	Jan 2024
Belajar Machine Learning untuk Pemula	by Dicoding	Jan 2024

LANGUAGES

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**Bahasa Indonesia** (Native proficiency) • **English** (Professional working proficiency)