

Zolla Perdana Putra Harahap

Jakarta, Indonesia | [081312343829](tel:081312343829) | zollahrp@gmail.com | [LinkedIn](#) | [Website](#) | [Portofolio](#)

SUMMARY PROFILE

An Applied Bachelor's student in Software Engineering Technology at the Vocational School of IPB University who is adaptive, highly curious, and possesses an innovative mindset. Demonstrates strong analytical, research, and creative approaches in addressing challenges within the fields of technology and the environment. Skilled in transforming out-of-the-box ideas into practical digital solutions, supported by excellent communication and strong narrative-building abilities. Known for having high initiative, adaptability, and strong collaboration skills. Committed to continuously learning, growing, and contributing through technological innovations that create meaningful impact for society.

EDUCATION

IPB University

Agustus 2023 – present

Vocational School Software Engineering

- GPA: 3.76 / 4.0
- IPB University Outstanding Student 2026 – 3rd Best, Vocational School
- Actively involved in academic coordination as a Course Representative, facilitating communication between lecturers and students. Additionally, participated in and represented IPB University in various academic competitions, contributing to the institution's exposure and accreditation achievements. Involved in the accreditation process as a teaching assistant through data collection and management of student achievements for the 2022–2024 period. Experienced in writing and publishing scientific articles in academic journals as part of applied research development.

WORK EXPERIENCE

Kodehana – Jakarta, Indonesia

Oktober 2025 – present

Founder & Project Manager

- Led end-to-end digital project planning and management, including defining scope and timelines, coordinating cross-functional teams, and serving as the primary liaison with clients for requirement communication, clarification, and expectation management.
- Managed brand development and the agency's strategic direction, including positioning, brand identity, external communication strategies, and business decision-making to ensure service quality and long-term growth.
- Managed the development of the Cianjur District Health Office Company Profile Website as Project Manager and Frontend Developer, ensuring a responsive, user-friendly interface aligned with institutional needs.

SV IPB University – Bogor, Indonesia

January – June 2026

Assistant Lecturer for Information Systems Course

- Assisted the lecturer in developing course materials, assignments, quizzes, and examination questions to support the delivery of Information Systems coursework.
- Mentored and supervised 4 student project teams (16 students), providing academic guidance, troubleshooting project challenges, and monitoring progress throughout the project lifecycle.
- Supported student assessment activities, including project evaluations and examinations, while serving as a primary point of contact for course-related inquiries and discussions.

Puna Indonesia – Bogor, Indonesia

April 2025 – April 2026

Co-Founder & Head of Research and Development

- Led the end-to-end development of innovative products, including concept formulation, idea validation, and optimization of product and marketing strategies based on user needs, contributing to a sales increase of over 150%.
- Managed branding and digital communication strategies, including social media content development to enhance engagement and brand visibility, as well as preparing grant proposals to support funding and business sustainability.

ORGANIZATIONAL EXPERIENCE

Google Developer Groups

October 2025 – present

Research and Development Staff

- Designed and developed an AI/Machine Learning curriculum, including structuring learning materials, defining learning paths, and updating technologies to align with industry needs.
- Coordinated collaboration between mentors and internal teams in delivering materials and executing programs, ensuring alignment of content, learning objectives, and overall program effectiveness.

BEM Sekolah Vokasi IPB University**January – November 2024***Head of the DDB Division, Achievement Bureau*

- Led and coordinated the execution of divisional work programs, including team management and communication with relevant stakeholders to ensure the achievement of performance targets and the success of student achievement appreciation programs.
- Initiated the enhancement of information systems and divisional publication strategies, contributing to the division receiving the “Most Informative Bureau” award across all LS Bureaus.

HIMAVO Micro IT**October 2023 – October 2024***Member of the Web Master Division*

- Contributed to the execution of organizational activities from both technical and operational aspects, including team coordination and event support across three work programs, ensuring their successful implementation.
- Participated in 14 Web Development training sessions and applied the acquired knowledge by developing a personal website as a final project.

PROJECTS

AI-Based Nutrition Recommendation System & Computer Vision**January – May 2026***Fullstack Developer & UI/UX Designer (Mobile & Web)*

- Developed an AI-powered decision support system with Computer Vision-based food scanning to personalize nutrition recommendations and support malnutrition prevention using Next.js, Tailwind CSS, Flutter (dart) and Machine Learning.

MAUNA – SIBI Sign Language Learning Platform**October – November 2025***Frontend Developer & UI/UX Designer (Web)*

- Designed the end-to-end UI/UX and developed an accessible, interactive learning platform for SIBI sign language using Next.js and Tailwind CSS, focusing on usability and user engagement.

Dinas Kesehatan Cianjur Company Profile Website**October – November 2025***Project Manager & Frontend Developer (Web)*

- Led project execution and developed key frontend components of the official company profile website, ensuring alignment with stakeholder requirements, project timelines, and institutional objectives.

Property Partner Monitoring & Catalog Application**August – December 2025***Frontend Mobile Developer*

- Developed a mobile application using Flutter and integrated REST APIs to deliver property partner catalog and monitoring features with a focus on performance and user experience.

Ornamental Fish Disease Detection & Aquarium Optimization**August – December 2024***Full Stack Developer (Web & Mobile)*

- Built an end-to-end web and mobile platform integrating Supabase, Flutter, Next.js, and AI technologies (Teachable Machine & Google Gemini) to support fish disease detection, aquarium monitoring, and data-driven recommendations.

ACHIEVEMENTS

IPB University Outstanding Student**2026***IPB University***1st Place – National Website Development Competition****2025***Itase 6.0, Telkom University Purwokerto***1st Place – National Essay Competition****2025***Kopma Fair Season 10, UIN Malang***1st Place – IPB University Essay Competition****2025***Faculty War, IPB University***1st Place – National Business Model Canvas Competition****2025***MaFIA Industry Insight, Universitas Brawijaya***Finalist – National Business Plan, The 13th Ambassador of Business Edupreneur****2025***Universitas Pendidikan Indonesia***Finalist – National Business Model Canvas Competition****2024***AgriFest, Universitas Jember*

Finalist – Best Essay National Competition

2024

Economic Management Creative, Universitas Negeri Semarang

Most Active Staff Award – AKPRES Bureau

2024

BEM Sekolah Vokasi IPB University

SKILLS

- **Hard Skills:** Software Engineering (Web & Mobile Development), Web Programming (Next.js, Laravel, Flutter), UI/UX Design and Prototyping, Research and Development, Business Model Development (Business Model Canvas, Business Analysis), Artificial Intelligence and Machine Learning, Data Analysis and Visualization, Content Creation and Multimedia Production, Technical and Academic Writing, Digital Marketing and Business Pitching.
- **Software:** Visual Studio Code, Figma, Canva, Adobe Creative Suite, Microsoft Office (Word, Excel, PowerPoint), Google Workspace, CapCut, RStudio.
- **Soft Skills:** Leadership and Team Building, Problem Solving and Critical Thinking, Design Thinking and Systems Thinking, Presentation Skills, Communication and Interpersonal Skills, Content Planning and Event Management, Adaptability and Team Collaboration.