AHMAD ARSY

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Frontend Engineer

Universitas Indonesia Physics Student (expected graduation August 2024) Key interests include Web Engineering, Machine Learning, and Data Science. National Physics Olympiad Gold Medalist, and International Physics Honorable Mention. Flexible and open to learn other skills that may better fit the job.

Programming Languages: HTML5, CSS3, JavaScript, Python, Matlab, SQL
Frameworks and Libraries: React, Express, MongoDB, Tailwind CSS, Firebase, Framer Motion
Development Tools: Git, Github

RELATED EXPERIENCE

RESUME BUILDER ([Live App] - [Source Code])   Aug 2022
- Designed and implemented an ATS Friendly CV Maker using React JS and Tailwind CSS in 2 weeks' timeframe as a sole Front End and Back End Developer.
- Enabled users to make a professional ATS Friendly CV with sections such as General, Educations, Experiences, and Additional Information, and directly download it in PDF Format.

WEATHERING WITH YOU ([Live App] - [Source Code])   Jul 2022
- Designed and implemented Web-Based Weather Forecast Application using Vanilla JavaScript and Fetch API in a one day's time as a sole Developer.
- Enabled users to get the next 5 days weather of a desired city all around the world, complete with a hand-picked custom background based on the current time and weather.

PERSONAL PORTFOLIO ([Live App] - [Source Code])   Jun 2022 – Jul 2022
- Designed and implemented a fully functional and responsive Portfolio Website using React, Tailwind CSS, and Framer Motion.
- Enabled users to view the source code and the live applications of various projects I've built in the past year. Users can also directly email me through the website, or open an email app directly from the website.

EDUCATION

Universitas Indonesia   Depok, West Java
Bachelor of Science   Expected July 2024
Major in Physics; Interest in Instrumentational Physics and Machine Learning
Cumulative GPA: 3.95/4.00
Relevant Coursework: Embedded System, Computational Physics, Electronics 1, Electronics 2, Introduction to Data Science, Elementary Linear Algebra, Calculus 1, Calculus 2, and Mathematical Methods

The Odin Project   Depok, West Java
Online Full Stack Development Course   Expected February 2023
Relevant Coursework: HTML and CSS Foundations, Intermediate HTML and CSS Concepts, CSS Flexbox and Grid JavaScript Basics, Object Oriented Programming in JavaScript, Asynchronous JavaScript and APIs, A Bit of Computer Science, Testing JavaScript, Intermediate Git, React JS, Animation, Accessibility, and Responsive Design.

ADDITIONAL EXPERIENCE

SARANA PELAJAR   Depok, West Java
Physics High School Tutor   Sep 2022 – Des 2022
- Tutored High School Graduates in preparation for the university entrance exam such as Universitas Indonesia and Universitas Gadjah Mada
- Taught students the full 3 years high school physics curriculum in 3 months' time.
- Provided high school students with a conceptual and practical approach to help them understand the fundamental principles in Physics

GEROBAK SENI ASRAMA UI   Depok, West Java
Vice Project Officer   Aug 2022
- Organized a campus level Art Festival attended by 500+ spectators in the Universitas Indonesia Dormitory, with guest stars such as Budi Cilok, KMF, and Mantra
- Decreased the budget spent by 60% from the initial plan, without the use of external sponsors or fundraising
- Planned and executed the whole event in just 7 days' time

GREDU   Depok, West Java
Content Creator   Nov 2021 – Dec 2021
- Collaborated with a team of 4 to make a full Mathematics Curriculum Questions for the newly formatted Computer Based National Test (UTBK)
- Developed Higher Order Thinking Skills (HOTS) questions for High School Graduate Level Mathematics in Trigonometry and Quadratic Equation.
- Produced up to 50 questions in one month's time, the highest in the team.

PESTA RAKYAT FISIKA   Depok, West Java
Vice Head of Competition   Apr 2021 – Nov 2021
- Organized a national level online Physics Olympiad with 100+ participants from high schools all around Indonesia.
- Created and oversaw the creation of Olympiad Level Questions for said competition.

ADDITIONAL INFORMATION

Languages: Fluent in Indonesian, Conversational in English
Awards: Gold Medalist of National Physics Olympiad by Kemdikbud (ONMIPA) (2021), 1st Winner of National Physics Olympiad in Institut Teknologi Bandung (EUREKA!) (2022), Honorable Mention of International Distributed Physics Olympiad by Russia (2020)