

## POSITION AVAILABLE: BACK-END WEB DEVELOPER

Position: Back-End Web Developer	
Company	PT. Anekatek Consultants (AE Indonesia)
Location	Jakarta or Papua
Job Title	Back-End Web Developer
Start Date	Immediately
Term	Full time, salaried (starting with 3 month probation, leading to permanent employment)
Salary	Based on Local Market Rates (depending on experience)
Benefits	Based on Local Market Rates
Travel	Some travel options possible, to remote villages where our system are deployed

### Company Overview

Advancing Engineering Consultants (AE) is an engineering consulting firm focused on infrastructure projects throughout Southeast Asia. The AE team has many years of combined experience in a wide range of disciplines including construction engineering management, civil, structural, renewable energy, and electrical engineering.

AE provides engineering and development services for Electric Vine Industries (see [www.electric-vine.com](http://www.electric-vine.com)), enabling solar-PV village electrification. Electric Vine Industries (EVI) is a private microgrid developer that exists to bring sustainable energy access and income generation opportunities to unelectrified households throughout Southeast Asia, especially eastern Indonesia. EVI has developed a unique village electrification architecture called the Solar Vine with “smart meters” and “smart inverters” at its core. Users pre-pay for electricity using their mobile phone. The meters are connected to the mobile network, and monitored online via a smart-metering management software package.

Fundamentally, this architecture involves the Internet-of-Things (IoT), and will benefit from a variety of other advanced computing technologies such as predictive analytics through machine learning (ML). AE is developing this software platform and we need experienced software developers to help bring sustainable, renewable energy access to remote, off-grid Indonesia.

## **Back End Web Developer Responsibilities**

Advancing Engineering Indonesia (AE) is looking to identify an experienced Back-End Web Developer. The ideal candidate will be a native Indonesian experienced in developing scalable back-end on Azure cloud platform.

- Reports to Lead Software Developer
- Develop and maintain a scalable back-end on Microsoft Azure cloud platform
- Develop and maintain back-end services for various data streams processing, monitoring and storage
- Develop and maintain IoT back-end for energy data logging
- Work with front-end and mobile app developers to define and implement data APIs

## **Qualifications:**

- A technical degree from a university or college, prefer at least bachelors of engineering, computer science, or equivalent
- 5+ years experience in software development is required, 10+ years preferred
- Programming skills including C#, ASP.NET, Microsoft SQL server database, and database design
- Familiarity with Web Services/API and IoT (Internet of Things) development
- Proficiency in English is required

## **To Apply**

Please send a cover letter and CV to [info.Indonesia@aeconsults.com](mailto:info.Indonesia@aeconsults.com) with "Back-End Web Developer" in the title of the email. A member of our team will contact short-listed candidates for an interview.