Navotas, Philippines
https://github.com/argiegaviola17

ARGIE GAVIOLA

09776205909
ghie.gaviola17@gmail.com

EMPLOYMENT

Back End Developer (Node JS)   **Collabera Digital**   **October 2023-Present 2023**

- Work with fellow engineers for code review
- Contribute to all stages of development including designing, coding, reviewing, and testing
- Collaborate with Lead Software Engineers, Testers, and SMEs to ensure product is delivered.
- Enhance, and improve coding practices.
- Ensure software engineering standards are in place such as unit test code coverage
- Documents system components.
- Create, and maintain product features

Back End Developer (Node JS)   **Acquiro**   **June 2023-October 2023**

- Developing and maintaining all server-side Rest API
- Ensuring optimal performance of the central database and responsiveness to front-end requests
- Collaborating with front-end developers and QA Testers.
- Designing back-end services for various business processes.
- Developing high-performance applications by writing testable, reusable, and efficient code.
- Implementing effective security protocols, data protection measures, and storage solutions
- Running diagnostics tests, repairing defects, and providing technical support.
- Documenting the back-end processes, including database schemas, as well as preparing reports
- Recommending and implementing improvements to processes and technologies
- Implement and apply CI/CD practices
- Created a thumbnail image generator using AWS Lambda, which is triggered by an S3 upload event. This solution generates thumbnail images for all listings that require a thumbnail image display.
- Created a pipeline for the auto-generation of Swagger documents deployed on AWS S3 via GitHub actions. The pipeline is integrated with Postman, so every time a new API is created and tested using Postman, pushing the changes triggers the pipeline. Thanks to this solution, the frontend team can use the Swagger document, while the backend team can continue adding new APIs for testing.
- Created an automation script using typescript for deployment and reduced the deployment time by around 90%
- Created a deployment script for frontend and reduced the deployment time from by 90%

Software Developer   **ZKTech IT Solutions**   **2021-2023**
  Blockchain Projects

- Integrate frontend application to the blockchain using web3 APIS to support any transactions like deposit, withdraw, stake, add liquidity, removed liquidity
- Improve core backend framework in NEST JS by incorporating blockchain integration using web3 APIs
- Created a backend job for listening to blockchain events to index transactions such as transfer of cryptocurrency, etc.

- Help improvement of wallet service by separating each blockchain logic for example logic for ETH (withdraw/deposit/resend) , TRON (withdraw/deposit/resend) and etc..
  For easy to maintain for future updates
- Created a react native app that has a deposit/withdraw/invest and exchange of one cryptocurrency to another cryptocurrency from designing and implementing
- Integrate trading view in react native app

Software Developer   **Liannetsys**   **2018-2021**
  Blockchain Projects
- Develop APIs and uses Java Restful API to use by frontend
- Integrate the backend into a wallet service to support the deposit/withdrawal of cryptocurrency from the app to the blockchain
- Develop a backend framework in NEST JS based on the implementation of the JAVA core backend framework
- Created an MYSQL version of the Database structure builder
- Maintain any 3rd projects
                                        Synerteq   **2016-2018**

Software Developer
  ERP
- Help improve of core backend framework for the java
- Help develop the app from scratch from designing the database and implementation
- Use web ix for frontend implementation to utilize the reactive
- Use hibernate for simplified access to the database
- Use oracle database for creating tables, writing stored procedure, writing functions
- Leveraged knowledge in java, javascript, jsp , svn and git
- Help bug fix and deployment to every customer
- Help improve of Database structure builder

  Timesheet
- Created timesheet where employees login/logout and admin can see the log in/logout of every employee it uses for tracking hours worked for determining the tardiness/absents
- Use Vaadin is an open-source web application development platform for Java
- Leveraged knowledge in java , javascript , jsp and svn

  Unitop
- Re-implement and transfer codes from PHP to Java
- Use oracle database for creating tables, writing stored procedure, writing functions
- Utilized the JSP, tag lib, java servlet for implementing the web pages
- Utilized mybatis for fast/simplified communication to the database
- Help implement the core backend framework for the java api
- Implemented REST APIs for cart checkout
- Utilize dragon pay integration for payment of the products
- Help debug and fix bugs
- Help deployment of the app
- Learn to use svn and also git for version control
- Leveraged knowledge PHP to read code

- Leverage knowledge in java to code the implementation based on php version
- Leverage knowledge in bootstrap, javascript and css

Web Developer   **8 Hug Int'l**   **2016 April-2016 Oct**
  Catalog Creator
- Developed a windows form application using C# and windows form that allows userspecify the folder where the picture res located and creates MS Word catalog out of it
- Leveraged knowledge in C# windows form application and Microsoft Office
  UBOX Startup Video (https://www.youtube.com/watch?v=3uq-CKc0DtE&t=219s&ab_channel=HUG)
- Created a Startup video to use on the startup of their android medial player
- Leveraged knowledge in Adobe after effects and Adobe Photoshop
  Resort Website
- Created a resort website where users who are interested to book can easily to view the list of amenities, prices and houses and environment
- Implemented an email sender where users can easily ask questions and send to support
- Leveraged knowledge in PHP, Bootstrap
  IT Support
- Fix issues in new network/printers computer issues
- Leveraged knowledge in networking and basic computer
  Graphic Designer
- Capture products images and edit
- Created graphic design for their products
- Leveraged knowledge in Adobe Photoshop

EDUCATION
Navotas, Philippines   **Navotas Polytechnic College**   **June 2012 – April 2016**
- Computer Systems Programming, Sept. 2012
- B.S in Computer Science, April 2016

- **Programming Coursework**: Data structure & Algorithm, Database system and programming, Software & Information Engineering, Advanced Database Management Systems, Operating System, Analysis design of algorithm, System Analysis & Designing, Networking, Advance Programming