Abram Sotocinal

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Profile

Multi-faceted IT dude with an interest in numbers and computers. Too many hobbies to feasibly manage; Although, I do love baking bread. Let me make you some sourdough

Education

BSc Data Science,
University of British Columbia - Okanagan
09/2020 – present | Kelowna, BC

Network Engineering Technology Diploma,
Northern Alberta Institute of Technology
09/2006 – 04/2008 | Edmonton, AB

Skills

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{
  'programming_languages' : [ 'Python', 'R', {
'Javascript' : [ 'Nodejs', 'Vuejs' ]}, { 'Ruby' :
'Ruby_on_Rails' }, 'Java' ],

  'databases' : [ 'MySQL', 'MSSQL', 'PostgreSQL' ],

  'data_analytics_engineering' : [ 'PowerBI', 'SSIS',
'Elasticstack' ],

  'misc' : { 'containerization' : [ 'Docker',
'Docker_Compose' ], 'virtualization' : [ 'HyperV',
'Failover_Cluster' ], 'automation_orchestration' : [
'Ansible', 'SCCM', 'Terraform', 'Bash', 'Powershell' ],
'ci_cd' : [ 'CircleCI', 'TravisCI' ]}

}
```

Languages

English	● ● ● ● ●
Filipino	● ● ● ● ●
Spanish	● ● ● ● ○

Certificates

Comptia Security+
Exp Oct 2021

Professional Experience

Fullstack/Infrastructure Engineer, *METAKARTE*
02/2020 – present
Metakarte is currently a project in its early stages. The project's purpose arises from the need of replacing an older PoS system for a local restaurant with a newer, much more complex app. The aim of this project is to be able to not only replace current PoS design, but expand into the online delivery field by providing a platform like Skip-the-Dishes and Ubereats, thus, being an all-in-one solution designed for restaurants who would rather choose their own drivers and as well as being able to integrate billing and orders all the while trying to be the cheaper alternative to Skip, Ubereats, or Doordash

- Designing and planning of Infrastructure, such as pricing out options and deciding on technology choices that fits our requirements
- Designing and coding API backends in Ruby on Rails as well as creating unit tests to ensure integrity
- Frontend design and implementation in Vuejs and testing integration with the API backends
- Participated in code reviews to ensure that everyone's code is up to organization standard
- Setting up of CI/CD pipeline using CircleCI to deploy code to AWS instances

Data and Infrastructure Engineer Intern,
Okaki ⧉
02/2021 – 08/2021 | Edmonton, AB
- Design and Implementation of an internal auditing system/SIEM with Elasticsearch (Elastic stack, Logstash, Kibana and Beats) to centralize log collection and make analysis of data easier for future audits
- Development of infrastructure scripts, namely deployment of Beats agents, with powershell, as well as for the deployment of the containerized Elastic stack in Docker.
- Analysis of data gathered from the auditing system with Python and PowerBI, as well as designing meaningful visualizations in Kibana
- Design and development of an ETL pipeline for gathering and processing audit data with SSIS, as well as developing powershell scripts and SQL queries for extracting information from machines and SQL databases to be fed into the pipeline.

HPC Systems Administrator, *Wirth Research* ☒
07/2016 – 07/2017 | Bicester, Oxon, UK
Wirth Research is a Motorsports Engineering firm
providing consulting services for technical
design, engineering, and development for racing
teams. As part of their operations, High
Performance Computing (HPC) is used to analyze
and simulate different projects parameters. As a
Systems Administrator supported the operations
and stability of the HPC clusters.
- Supported users , oversaw daily IT operations
  for internal infrastructure, and administration
  of the mixed Linux/Windows environment.
- Planned and implemented internal solutions,
  coordinating with other departments, and
  liaising with vendors/service providers
- Deployed custom .NET applications on virtual
  and physical servers to support projects and
  users. Applications integrated with MySQL and
  SQL databases.
- Commissioned and decommissioned internal
  servers both physical and virtual. This
  included racking, cabling, configuration,
  deployment of applications and databases as
  well as ongoing system maintenance.
- Designed internal network and server
  environments including compliance with
  security policies using Active Directory and
  GPO.
- Used bash and python to develop task
  configuration and automation scripts.
- Responsible for the HPC cluster operations
  and supporting engineering applications
  focussed on CFD, working knowledge of MPI.
- Responsible for administration and
  maintenance of datacentre environmental
  systems; cooling, power utilization, access
  controls and security.

Internet Systems Engineer, *RED Technology*
10/2015 – 02/2016 | Eynsham, OXON, UK
- Monitored and maintained network infrastructure and servers
- Liaised with clients in troubleshooting issues and applying changes to their services
- Maintained High-availability sites and troubleshot issues concerning mentioned sites.
- Worked on RHEL infrastructure servers and Windows 2008/2012 R2 Servers
- Maintained and monitored backup systems
- Provided operational support for the dev team

Network Administrator,
Thermodesign Engineering
08/2013 – 08/2015 | Edmonton, AB
- Maintained, configured and upgraded computer systems (hardware & software).
- Administration and maintenance of the telephone system, including switches.
- Supported corporate applications; internal corporate servers, and remote users.
- Maintained high levels of system operability and integrate new knowledge as well as products into current systems.

System Administrator, *Alentus Corp*
08/2008 – 08/2013 | Edmonton, AB
- System administration and technical support, switching tasks when needed.
- Maintained system integrity and assisted in developing solutions
- Performed IIS and .NET app deployments on shared hosting servers; Also performed WordPress installations and administration
- Responded to customer requests and issue resolution
- Trained and administered other support staff