UDAPEOPLE

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An Udacity project

What & Why UdaPeople

- **A new application to help small businesses care better for their most valuable resource: their people**

- **An easy to use application for the organisation and the people.**

- **Apart from ease of use, it's easy to manage and maintain using automated deployments and alerting.**

- **High Availability of the application supported by aws cloud infrastructure.**

Shorter Cycle Time

- **Completely automated CI/CD (Continuous Integration & Continuous Delivery) pipeline.**

- **Helps in quicker delivery of new features enhancing customer satisfaction – potential to generate revenue**

- **Bug fixes can be superfast ensuring higher customer satisfaction which could generate higher revenue.**

- **Automated testing integrated in the pipeline ensuring stability of the application before deployment to production ensuring protection of revenue.**

Consistent Infrastructure

- **Deployment and configuration of infrastructure is consistent and automated across environments and releases.**

- **No last minute surprises during deployment in production, thus keeping the cost under control**

- **Automated blue/green deployment thus ensuring zero downtime to customers which helps in protecting the revenue.**

- **Upon successful deployment, older infrastructure can be automatically deleted helping in reducing cost**

Easily Supportable

- **Automated monitoring and alerting mechanism in place which would ensure timely intervention to resolve any issues thus protecting revenue.**

- **No need for 24/7 manual watch on the infra which means reduced shifts for people in turn reducing costs for the business.**

- **Easy to read monitoring dashboard for support personnel ensuring preemptive intervention of any future potential failure thus protecting revenue.**

- **Rollback of deployment failure is fully automated avoiding production downtime of the application protecting revenue.**